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CLIMATOLOGICAL DATA

NORTH DAKOTA

JANUARY 1954

Volume LXIII No. 1

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NORTH DAKOTA - JANUARY 1954

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

January finally brought a change to cold weather after the first week. It was the first really cold weather of the winter. The month averaged considerably below normal in temperature. Snowfall was heavy in most sections of the state. Relatively light winds, however, caused less than usual amount of drifting snow and it was not a very serious problem.

The average temperature for the state was 0.9 degrees below zero which is 7.8 degrees below normal. The eastern division averaged 2.1 degrees below zero which is 7.2 degrees below normal; the middle division averaged 2.1 degrees below zero which is 8.1 degrees below normal, and the western division averaged 1.6 degrees which is 8.0 degrees below normal. The highest temperature was 55 degrees at Hettinger on the 6th. The lowest temperature was 48 degrees below zero on the 21st at Pembina. The mean temperatures ranged from 11.4 degrees at Marmarth to 8.2 degrees below zero at Munich. There have been 11 Januarys with colder average temperature since 1892.

Precipitation over the state averaged 0.71 inch which is 0.23 inch above normal. The eastern division averaged 0.80 inch which is 0.28 inch above normal; the middle division averaged 0.74 inch which is 0.30 inch above normal, and the western division averaged 0.59 inch which is 0.12 inch above normal. Snowfall averaged 9.8 inches over the state. The average snowfall was 11.0 inches in the eastern division, 10.0 inches in the middle division, and 8.5 inches in the western division. Rugby reported greatest amount of precipitation with 1.67 inches which represents around 25 inches of snow. Elgin with 0.08 inch reported the least precipitation for the month which represents about an inch of snow.

January opened with generally mild weather for most of the first week continuing the mild weather that had prevailed throughout the winter months. A change to cold weather took place at the end of the first week and it remained cold for the rest of the month turning mild again on the last day when temperatures rose well above freezing. The cold weather was especially bitter from the 15th to the 27th. During this period the temperature averaged between 10 and 20 degrees below zero. On several days temperatures were more than 40 below zero. Snowfall during the month was quite heavy especially over the north and east portions of the state. Many stations had near record snowfalls and in some cases new records were set for January snowfall. In spite of the heavy snowfall over so much of the state, there were no severe blizzards reported and highway travel was not seriously interrupted. The highest wind velocity was reported at Fargo with 47 mph. The cold weather had no particularly bad effects on livestock. Yard-feeding was necessary nearly the entire month but feed supplies were plentiful in all sections.

--CJS

SUPPLEMENTAL DATA

NORTH DAKOTA
JANUARY 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
BISMARCK W8 AP	NW	14	10.3	38	N	29	76	76	67	73	11	6	3	0	0	0	20	47	7.2
DEVILS LAKE W8 CITY	-	-	8.1	27	NW	5	-	-	-	-	17	6	5	0	0	0	28	50	6.9
FARGO W8 AP	NNW	23	15.3	47	NW	9	69	69	67	69	15	6	3	0	0	0	24	43	7.0
WILLISTON W8 CITY	-	-	6.2	22	W	4	73	73	70	73	9	6	4	1	0	0	20	50	7.9

COMPARATIVE DATA

Table 1

JANUARY

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall	
1892	3.3	58	-52	0.32	2.8		1914	14.8	62	-38	0.48	4.9		1936	-5.8	43	-44	0.56	6.9	
1893	0.8	52	-48	0.99	8.4		1915	5.8	51	-48	0.29	3.4		1937	-8.3	38	-44	0.67	9.0	
1894	0.6	60	-47	0.39	3.6		1916	-6.4	49	-56	1.36	15.1		1938	9.5	50	-40	0.48	6.1	
1895	-2.9	42	-46	0.56	5.5		1917	1.7	47	-46	0.72	8.6		1939	15.0	55	-32	0.47	6.0	
1896	5.3	58	-42	0.77	6.6		1918	0.5	48	-44	0.47	5.0		1940	3.4	48	-39	0.10	1.4	
1897	3.6	49	-38	0.77	7.5		1919	18.7	66	-44	0.18	1.7		1941	11.0	53	-33	0.54	6.3	
1898	14.6	69	-32	0.11	1.1		1920	2.7	49	-44	0.97	10.0		1942	18.3	60	-35	0.09	1.0	
1899	5.2	55	-41	0.25	2.4		1921	15.9	52	-31	0.24	2.5		1943	-1.4	45	-44	0.73	9.4	
1900	15.4	70	-30	0.22	2.0		1922	7.0	55	-46	0.49	5.2		1944	21.8	61	-26	0.37	4.8	
1901	7.7	68	-39	0.28	3.0		1923	10.1	56	-35	0.52	6.0		1945	12.7	51	-31	0.41	5.6	
1902	12.7	51	-40	0.14	1.4		1924	2.6	61	-42	0.23	2.5		1946	11.2	56	-33	0.20	2.9	
1903	9.4	56	-37	0.66	6.7		1925	8.6	52	-35	0.24	2.5		1947	16.0	57	-37	0.35	4.4	
1904	3.6	50	-52	0.40	4.0		1926	16.3	55	-30	0.38	4.1		1948	9.3	59	-42	0.40	5.0	
1905	0.9	48	-40	0.32	2.9		1927	10.1	60	-44	0.42	4.3		1949	1.7	58	-49	1.14	15.3	
1906	12.2	60	-38	0.69	6.9		1928	13.0	50	-41	0.20	2.3		1950	-10.5	51	-51	1.04	14.5	
1907	-6.2	45	-45	1.32	14.5		1929	-4.8	42	-42	0.62	9.2		1951	3.3	50	-43	0.57	8.4	
1908	17.0	70	-41	0.24	1.9		1930	-1.9	41	-43	0.29	2.7		1952	3.0	45	-37	0.70	9.2	
1909	3.5	53	-48	0.43	4.3		1931	21.4	68	-31	0.15	1.4		1953	14.2	60	-31	0.43	5.7	
1910	9.4	49	-35	0.37	4.1		1932	9.5	50	-34	0.56	6.3		1954	-0.9	55	-48	0.71	9.8	
1911	-1.0	56	-43	0.84	8.5		1933	11.8	53	-30	0.80	10.0								
1912	-4.6	63	-52	0.35	3.6		1934	15.8	54	-36	0.20	2.0								
1913	3.2	60	-54	0.45	4.6		1935	3.3	60	-44	0.41	4.9								

Averages for the period from 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

NORTH OAKOTA
JANUARY 1954

TABLE 2

Station		Temperature											Precipitation											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
											Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	
											90° or Above	32° or Below	32° or Below	0° or Below										
EASTERN DIVISION																								
AMENIA		9.7	-10.9	- .6	- 5.6	40	1	-31	21	2036	0	28	31	25	.52	-.01	.13	25	13.0	17	25+	2	0	0
ARVILLA STATE PARK		7.9	-14.3	- 3.2		38	1	-36	21	2115	0	29	31	27	1.04	-.42	.42	8				3	0	0
CARRINGTON		7.4	-14.2	- 3.4	-10.1	40	1	-33	21		0	27	31	26	1.05	.63	.28	16	18.5			0	0	0
CAVALIER		5.2	-13.8	- 4.3	- 5.7	33	4	-32	21	2153	0	30	31	28	1.29	.62	.33	8	14.7	16	24+	5	0	0
COOPERSTOWN		9.4	-12.4	- 1.5	- 5.8	38	1	-35	21	2060	0	28	31	26	.64	.13	.24	9	9.5			2	0	0
R	DEVILS LAKE WB CITY	5.0	-15.1	- 5.1	- 9.9	35	31	-36	21	2175	0	29	31	28	1.31	-.91	.28	23	19.4	18	24+	5	0	0
	EDGELEY EXP FARM	10.0M	-9.4	- 0.3M	- 8.5	43	1	-32	21		0	27	31	26	.33	-.16	.10	25	5.0	5	25+	1	0	0
	EDMORE 1 W	6.9	-16.6	- 4.9	- 5.1	36	1	-40	21	2167	0	30	31	28	1.36	.87	.33	24		23	24+	5	0	0
	ELLENDALE	14.5M	-7.1	- 3.7M	- 6.3	44	4	-30	21	1900	0	25	31	23	.41	-.05	.29	25	6.2	6	25+	1	0	0
	ENOERLIN	9.4	-10.6M	- .6M		40	1	-33	21		0	28	31		.56				17	25+		0	0	
R //	FARGO WB AP	8.7	-11.5	- 1.4	- 8.5	36	31	-30	21	2060	0	30	31	27	.47	-.13	.12	8	7.0	12	25+	3	0	0
	FORMAN	11.6M	-10.1M	- .8M	- 6.8	39	1	-33	21	1991	0	30	31		.59	.14	.30	25		12	25+	2	0	0
	FULLERTON	13.4M	-7.2	- 3.1M	- 6.0	41	1+	-30	21	1922	0	25	31	24	.92	.22	.52	25	9.2	11	25	3	1	0
	GACKLE	11.3M	-13.9M	- 1.3M	- 9.0	39	4+	-35	21	2078	0	26	31		.35	-.09	.30	25	6.3	7	25+	1	0	0
	GRAFTON STATE SCHOOL	4.1	-16.6M	- 6.3M	- 8.9	39	1	-41	21	2218	0	30	31	30	1.63	1.13	.57	8	19.7	19	24+	5	1	0
R	GRAND FORKS CAA AP	6.4	-14.1	- 3.9	- 7.5	33	4	-32	21	2138	0	30	31	27	1.58	1.05	.49	8	17.1	12	9	5	0	0
	GRAND FORKS UNIV	6.1	-12.4	- 3.2	- 6.8	33	4	-32	21	2116	0	30	31	27	.83	.30	.15	2	11.4	18	25+	3	0	0
	GRAND RAPIDS 1 N	13.2	-10.9	- 1.2	- 6.1	41	6+	-35	21	1979	0	25	31	25	.72	.36	.25	11.8	13	25+	1	0	0	
	HANKINSON R R STA	11.7M	-10.3	- .7M	- 7.2			-30	21+		0	26	31	26	.34	-.13	.23	26				1	0	0
	HANNAH	3.5	-18.4	- 7.5	- 8.7	31	4+	-37	21	2248	0	31	31	31	.91	.21	.18	18	7.6	9	24+	3	0	0
R //	HILLSBORO	8.2	-11.5	- 1.7	- 6.6	39	1	-32	21	2066	0	30	31	26	.72	.21	.20	2	9.3			3	0	0
	JAMESTOWN CAA AP	9.6	-10.5	- .5	- 7.6	39	6	-32	21	2028	0	26	31	26	.71	.16	.19	15	7.5	6	26+	3	0	0
	JAMESTOWN STATE HOSP	11.2	-9.0	- 1.1	- 6.0	38	6	-30	21	1981	0	26	31	25	.51	-.04	.20	14				3	0	0
	KENSAL WILDLIFE REF	11.0	-12.9	- 1.0	- 4.0	40	6	-37	21	2046	0	25	31	27	.49	.11	.15	7.5	5	25+	1	0	0	
	LANGDON EXP FARM	4.4	-17.6	- 6.6	- 7.0	34	1	-35	20+	2224	0	30	31	30	1.26	.65	.30	24	13.4	14	24+	5	0	0
	LARIMORE	7.4	-14.0	- 3.3	- 7.1	37	1	-32	21	2120	0	29	31	27	.89	.29	.34	8	19.0			3	0	0
	LISBON														.55	-.04	.50	25				1	0	0
	MAYVILLE	9.3	-10.8	- .8	- 6.8	35	4	-34	21	2035	0	29	31	25	.74	.35	.20	2		10	14+	2	0	0
	MC HENRY 5 N	6.5	-14.5	- 4.0	- 5.5	35	1	-35	21	2143	0	28	31	27	.51	.09	.18	8	6.1	12	15+	1	0	0
	MC LEOD 3 E	12.9M	-10.4M	- 1.3M	- 7.0	37	1	-36	21	1985	0	29	31		.74	.18	.53	25				2	1	0
	MUNICH 4 SW	2.7	-19.0	- 8.2		31	1+	-41	21	2272	0	31	31	30	.99		.26	24	11.5	16	24+	4	0	0
	OAKES	10.1	-11.8	- .9	- 9.8	43	1	-35	21		0	29	31	27	.61	.14	.15	25+		12	26+	3	0	0
	PARK RIVER	6.1	-13.6	- 3.8	- 6.7	39	1	-34	21	2136	0	28	31	26	.87	.38	.26	18		14	24+	2	0	0
	PENNINGTON 2 N	3.2M	-18.4M	- 7.6M	-10.0	37	1	-48	21	2275	0	31							13					
	PETERSBURG	4.3M	-15.7	- 5.7M		33	1	-35	21	2202	0	30	31	30	1.18	.74	.37	8		16	24+	4	0	0
	SHARON	7.5	-12.9	- 2.7	- 6.2	35	1	-33	21	2101	0	31	31	28	.73	.26	.15	1+	9.8	14	25+	6	0	0
	VALLEY CITY	12.1	-9.2	- 1.5	- 4.6	37	1+	-31	21	1970	0	26	31	25	.44	-.10	.15	25	4.9			1	0	0
	WAMPETON STATE SCHOOL	12.0	-9.5	- 1.3	- 7.4	37	1	-34	21	1974	0	28	31	25	.80	.35	.37	25	9.0	16	25	2	0	0
DIVISION				- 2.1	- 7.2										-.80	-.28			11.0					
MIDDLE DIVISION																								
R //	ASHLEY	14.9	-8.8	- 3.1	- 5.6	47	6	-35	21	1920	0	26	31	21	.57	.13	.50	25	7.5	8	25+	1	1	0
	BELCOURT INDIAN RES	6.7	-18.1	- 5.7		42	31	-39	21	2194	0	29	31	29	.53		.21	18		22	25+	2	0	0
	BISBEE	5.2	-17.1	- 6.0	- 7.8	34	1+	-40	20	2203	0	29	31	29	.74	.29	.14	18	11.5	17	24+	4	0	0
	BISMARCK WB AP	12.8	-11.7	- .6	- 9.1	46	6	-37	21	1996	0	26	31	27	.52	.16	.12	25	7.9	5	26	3	0	0
	BOTTINEAU	2.1	-18.0	- 8.0	- 9.4	34	1	-42	20		0	30	31	29	.66	.25	.14	2	9.2	14	24+	2	0	0
	BUTTE										0	31			.53	.17	.20	1	9.0	9	25+	2	0	0
	CARSON NO 2	15.5M	-8.3M	- 3.6M	- 6.5	52	7	-31	20+		0	26	31		.32	-.04	.09	25		5	25+	0	0	0
	CENTER	13.3M	-12.2M	- .6M	- 9.2	45	6	-39	21	2000	0	26	31	26	.65	.28	.14	8+	5.8	5	25+	3	0	0
	ORAKE	6.8	-14.5	- 3.9	- 9.4	40	1	-35	26		0	27	31	26	.90	.51	.21	24				3	0	0
	ECKMAN	3.8	-19.8	- 8.0	-11.1	39	1	-41	21		0	29	31	30	.84	.48	.21	2	9.0	11	24+	5	0	0
	FESSENDEN	9.6	-15.1	- 2.8	- 7.5	38	6	-36	20	2102	0	26	31	28	1.04	.55	.25	8	12.3	15	24+	6	0	0
	FORT YATES	19.1	-5.0	- 7.1	- 2.5	53	6	-35	21	1795	0	25	31	21	.35	-.04	.21	25	11.0	9	25	1	0	0
	FOXHOLM 7 N	8.7	-14.0	- 2.7	- 9.5	39	6+	-35	26	2097	0	25	31	28	.46	.02	.08	1+		10	18+	0	0	0
	GARRISON	8.7	-12.4	- 1.9	- 9.8	42	1	-34	21+		0	27	31	28	.97	.60	.38	2	9.7			4	0	0
	GRANVILLE	9.1	-14.6	- 2.8	- 7.9	37	31	-36	21	2102	0	27	31	29	.98	.60	.26	1	11.0	17	24+	5	0	0
	HANSBORO	5.0M	-17.0M	- 6.0M	- 6.6	36	31	-33	21	2203	0	31			.38	-.23	.11	18	13.5	15	24+	1	0	0
	LEEDS	5.2	-16.8	- 5.8		34	1+	-41	26	2197	0	29	31	28	1.40		.23	2+	19.4			7	0	0
	LINTON	17.4	-8.7	- 4.4	- 4.9	49	6+	-36	17+	1878	0	25	31	22	.51	.17	.30	25	9.0			2	0	0
	MAODOCK AGR SCHOOL	8.4	-16.3	- 4.0	- 8.6	35	1+	-38	21	2139	0	27	31	28	.89	.47	.20	8		17	24	4	0	0
	MANDAN EXP STATION	11.0M	-9.3	- .9M	- 7.7	46	1	-34	21		0	31	31	24	.42	.05	.09	16	6.8	4	25+	0	0	0
	MANDAN FT LINCOLN PARK	16.8	-10.8	- 3.0		50	6	-36	21	1919	0	25	31	26	.37		.10	26	4.1			1	0	0
	MAX	7.5M	-15.1M	- 3.8M	- 8.3	43	7	-34	17+		0	31			.55	.20	.30	2	6.0	14	24+	2	0	0
	MC CLUSKY	10.7	-13.4	- 1.4	- 7.8	38	6	-35	20	2055	0	27	31	28	1.05	.61	.25	15		10	24+	4	0	0
	MINOT CAA AP	6.8	-12.3	- 2.8	- 9.4	39	31</																	

CLIMATOLOGICAL DATA

NDRTH DAKOTA
JANUARY 1954

TABLE 2 - CONTINUED

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.		Min.						Total	Max Depth on Ground	Date	.16 or More ^o	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
TOWNER	6.1M	-18.3M	-6.1M	-10.2			-38	21	2229	0		31		.67	.22	.19	1	14.0	24	23+	4	0	0
TURTLE LAKE	11.5	-13.0	.8	-7.5	42	31	-38	26	2038	0	26	31	28	1.01	.66	.40	1				4	0	0
UNDERWOOD	7.3M	-13.0M	-2.9M	-12.8	47	1	-35	21		0		31	27	1.02	.69	.40	2		17	26+	4	0	0
UPHAM 3 N	6.4	-18.8	-6.2		33	4	-40	20	2208	0	30	31	30	.61		.17	2	13.5	18	24+	1	0	0
VELVA	9.7	-13.2	-1.8	-8.5	41	31	-36	21	2070	0	25	31	27	.93	.51	.17	15	10.5	14	24+	5	0	0
WASHBURN	13.5	-10.5	1.5	-6.7	44	6	-34	17	1966	0	26	31	24						9	25+			
WESTHOPE	3.4	-18.1	-7.4	-9.5	34	31	-43	20	2246	0	29	31	30	.95	.62	.37	1	14.0	11	18	4	0	0
WILLOW CITY	4.6	-20.4	-7.9	-9.0	35	3	-44	26	2264	0	30	31	31	1.04	.49	.40	2	15.8	16	25+	3	0	0
WILTON R R STATDN	9.4	-12.2	-1.4	-9.4	42	1	-32	20		0	27	31	28	.53	.19	.20	2				3	0	0
WISHEK	13.8	-14.8	-1.5	-7.8	43	6	-43	21	2031	0	25	31	28	.55	.16	.50	25	8.0			1	1	0
DIVISION			-2.1	-8.1										.74	.30			10.0					
WESTERN DIVISION																							
ALMONT 7 SW	16.2	-6.2	5.0		50	6	-30	17	1861	0	24	31	19	.34		.09	15+	5.7	6	25+	0	0	0
AMIDON	19.0	-5.5	6.8	-7.8	51	7	-34	20		0	21	31	17	.41	-.02	.20	16	4.5	4	16+	2	0	0
BEACH	19.1	-5.5	6.8	-5.3	51	7	-34	20+		0	21	31	17	.57	.11	.19	16		7	24+	2	0	0
BELFIELD	19.4M	-6.7M	6.4M	-7.9	51	6	-37	20	1816	0	21	31	22	.44	-.02	.10	9+		5	24+	2	0	0
BDWBELLS	6.5	-16.6	-5.1	-9.9	40	1	-36	27		0	26	31	27	1.07	.57	.50	2	10.8	12	18+	3	1	0
BOWMAN COURT HDUSE	23.3M	-2.2	10.6M	-4.0	48	6+	-23	20	1674	0	20	31	19	.26	-.18	.12	25				1	0	0
CROSBY	3.1M	-15.6	-6.3M	-10.7			-41	20	2222	0	31	26		.73	.33	.20	1	10.0	10	18+	3	0	0
DICKINSON CAA AP	17.1	-6.1	5.5	-5.1	50	6	-33	20	1840	0	23	31	21	.39	-.03	.10	23	3.9	4	24+	1	0	0
DICKINSON EXP STA	16.6	-7.6	4.5	-6.1	50	7	-36	20		0	23	31	19	.46	.04	.20	8		6	24+	2	0	0
DUNN CENTER	12.8	-12.6	.1	-12.1	48	7	-37	17		0	27	31	24	.73	.37	.28	2	13.3	10	24+	3	0	0
ELBOWOODS	14.5M	-14.1M	.2M	-8.4	43	6+	-42	17+	2024	0	24	31		.33	.00	.14	1	2.6	3	1+	1	0	0
EPPING	3.5M	-18.4M	-7.5M	-12.7			-43	20	2236	0	31			.74	.32	.34	1				3	0	0
GRENORA	11.2M	-12.0M	.4M	-5.3	40	31	-40	20	2011	0	31	25		.63	.19	.13	18	7.2	7	20+	3	0	0
HETTINGER	21.5	-3.4	9.1	-4.6	55	6	-34	20	1730	0	20	31	19	.34	-.02	.10	19	6.0	5	25+	1	0	0
KENMARE	7.4	-14.4	-3.5	-9.3	41	1	-34	21		0	26	31	27	1.07	.72	.38	18				3	0	0
LOSTWOOD 12 N	5.7M	-16.0M	-5.2M				-39	20	2177	0	31			.43		.11	1	7.3	10	18+	2	0	0
MARMARTH	24.6M	-1.8	11.4M	-2.1	50	6	-37	20	1636	0	19	31	17	.45	.03	.18	16	9.3	6	20	3	0	0
MEDORA 4 NNE	20.5	-6.5	7.0		52	6	-45	20	1795	0	21	31	20	.20		.07	8		5	24+	0	0	0
MOTT	20.7	-7.4M	6.7M	-3.5	53	6	-35	21+	1806	0	21	31	20	.28	-.21	.07	8+	5.8	4	25+	0	0	0
NEW ENGLAND	19.9	-5.4	7.3	-6.2	51	6	-32	20	1788	0	21	31	19	.29	-.17	.07	16				0	0	0
NEWTOWN	10.3	-12.9	-1.3	-6.4	40	3	-39	20	2057	0	25	31	28	.62	.14	.20	1	11.5	12	24+	2	0	0
PARSHALL	9.7	-15.2	-2.8	-9.1	39	3+	-41	20	2102	0	25	31	28	.79	.45	.26	1	8.3	9	24+	2	0	0
PORTAL	5.1M	-17.2	-6.1M	-9.1	40	4	-42	20		0	29	31	27	.84	.44	.36	18	8.5	12	18+	2	0	0
POWERS LAKE 1 N	3.8M	-19.7M	-8.0M	-16.1	36	3	-43	20	2267	0	31	28	E .46	-.06	.18	1+	9.0	10	17+	3	0	0	
RICHARDT DN ABBEY	17.4	-6.5	5.5	-5.6	50	6	-34	20	1845	0	23	31	20	.43	.05	.12	8	5.4	4	20+	1	0	0
STANLEY	6.7	-14.4	-3.9		3	3+	-39	21	2134	0	28	31	27	.78	.39	.42	1	8.0	10	19+	2	0	0
WATFORD CITY	13.1	-10.3	1.4	-8.4	42	6	-36	20	1971	0	25	31	24	1.30	.83	.42	1	17.5	11	23+	5	0	0
WATFORD CITY 14 S	16.8	-8.9	4.0		49	6	-40	20	1893	0	25	31	22	.54	.14	.14	19		10	24+	2	0	0
WILLISTON WB CITY	9.3	-10.5	-.6	-10.6	42	3	-39	21	2034	0	27	31	24	1.27	.78	.52	1	17.0	12	18+	5	1	0
DIVISION			1.6	-8.0										.59	.12			8.5					
STATE			-.9	-7.8										.71	.23			9.8					

NORTH DAKOTA
JANUARY 1954

Station

See reference notes following Station Index.

DAILY PRECIPITATION

NORTH DAKOTA
JANUARY 1954

Table 3--Continued

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NEW ROCKFORD 7 WNW	.72	.07	.08						.15		T	T			T	.17				.10					.15									
NEW SALEM 1 S	.39	.04							.08		T	T			.04	.12		.01	T					.01	.03	.04								
NEWTOWN	.62	.20	.05						.04	T					.03	T	.10		.04	.08	.03	T			.02	.03								
NOONAN	1.02	.17	.08						.21						.03	.14	.03			.16	.12			.02	.06									
NORTONVILLE	-								.06						-			T	T							.25								
OAKES	.61		.03	T					.18	.03	.05	T		T	.03	.05	.10	.02	T		.05					.15	.15							
PARK RIVER	.87	.09	.08			.02			.06		.05	T		T	.05	.05		.05	.26		.05				.09		T							
PARSHALL	.79	.26	.09						.06				T		.04	.03	.07		.05	.26		.05			.02	.12								
PEMUNA 2 N	-	.19	-						.46						.19	-				.26														
PETERSBURG	1.18	.11	.11			.08			.37	.06	.04				.08	.07		.03	.15	.03	.02				.08			.03						
PETTIBONE	.54	.10							.10						.15	.10										.09								
PINGREE	.69	T	.08		.03				.15		T			T	.17		.08				T		T	T		.18			T					
PORTAL	.84		.35						.08						T	.05		T		.36			T	T										
POWERS LAKE 1 N	.46	.18						E .10						T	T		.18	T			T			T										
PRETTY ROCK	.18							.02						T	.02	.03					T				T		.11							
REEDER	.14							T						T		T		.07							.07									
REEDER 14 N	.12							.03				T	T		T		.02	T	T		.01	.05			.01	.06								
RICHARDOTN ARBEY	.43	.02	T					.12				T	T		.03	T	.04		T	T	.05	.05		T	.05	.04		.01						
RIVERDALE	1.04	.04	.21					.16	.05		.02	T			.09	.06	.05		.07	.20	T	.03			.22	T	T							
ROLLA	1.00	.08	.10					.12	T		T		.02		.09	.08	.05		.07	.20	T	.03			.11									
RUGBY	1.67	.27	.31					.14	.14	T		T		.05	.08	.10	.01	.10	.20	.04				.01	T	.19	.01	.01	.01					
RYOER	.37	.16						.06						.02	.10	.10					T			T	.05	T								
SAN HAVEN	.79	.05	.11					.14	T				.02	.04	.04	.06		.12	.03	.15	T	.01		.01	T	.13	T							
SCRANTON	.32							.05						T	.08									T			.15							
SELFRIEDGE 11 W	.69	T						.18						T			.08				.15					.20								
SENTINEL BUTTE 20 S	.20	T						.07	T		T			.04	T	T	.06									.03								
SHARON	.73	.15	.10					.15				.01		.01	.10	.12			T	T	T			.01	T	T	.10							
SHERWOOD 3 N	.70	.18	.10	.10				.12	.01		T	T			.01	.01	.05		.02	.07				.01	T	.02								
SHIELDS	.20							T	T	T	T			T	.01		.04	T		T	.01			T	T		.14							
STANLEY	.78	.42						T	T					T	.07		.05	T	.16		.08	T		T	T									
STEELE	.61	.03	.15					.06	T		T	T		.02	.03	.19	T				.04				T	.09	T							
SYKESTON	.85	.30	.10		T			.10	.05					.06	.22			.02							T									
TAGUS	-	-	.10			T		T	T	T	T			.04	T			.10	T	.05	T			.02	.02	T		T		T				
TIOGA	.59	.30	T					.07						.05	T			.17																
TOLLEY 5 NNE	.83	.15	.15					.04						.06	.06	T		.07	.20					.05	.05	T								
TOWNER	.67	.19						.04			T			.11	.05		.14			.03				.11	T									
TROTTERS 6 WNW	.41	T						.05	T		T			.02	.05	.03		T		.06				.20										
TURTLE LAKE	1.01	.40	.05					.12			T		.03	T	.02	.18		T	.03	T				.18	T	T								
TUTTLE	.45	.04	.05					.07	T	T			.01	.02	.03	.08	.03			.02	.02	.03	.02			.10	T		.08	T				
UNDERWOOD	1.02	.42	.40					.11	.04					T	.05	.16	.02		.02	.03	.01				.10									
UPHAM 3 N	.61	.03	.17		.01			.06				.02	.05	.01	.08		.02	.02	.05	.03		T		.08	T									
VALLEY CITY	.44	.07	.01		T			.06	.06	T				.07				.02							T	.15								
VELVA	.93	.13	.11	T				.11	T	T	T			.09	.03	.17		.03	.06	T				.08	.12	T								
VERONA	.61		.10											.05			.06										.40							
WAHPETON STATE SCHOOL	.80	.04	.04			.03		T	.15	T				T	.02	.03	.07				.05						.37	T						
WALHALLA	1.60	.10	.20					.25	.62		T			T	.15			.28			T				.25	T								
WARWICK	.85	.20						.25				.05		T	.15					.05						.15								
WASHBURN	-	.11	.05							T				.02	T	.15	.03		.01	T	.03				T	.10								
WATAUGA 5 DAK 8 N	.30							.10						T			.02										.18							
WATFORD CITY	1.30	.42	.10					.04			.03		.02	.02	.12				.24	.10	.07				.07	.07								
WATFORD CITY 14 S	.54	.13	.06						T	.03	T	T	T	T	T	.04		.03	T		.14				.05	.06								
WESTHOPE	.95	.37						.10						.05	T	.25		.19	.10							.09								
WILOROSE	.67	.10	.10											T				T	.22															
WILLISTON WA CITY	1.27	.52	.01	T				.05		T	T	.03		.02	.11	.05	.24	.11		.01	T	T		.12	T	T	T	T						
WILLOW CITY	1.04	.05	.40					.07						.07	.03	T	.18	T					.12	.07	T	.05	T	T						
WILTON RR STATION	.53	.20							.07								.12	.01			.01					.10	.02							
WISHEK	.55	T						T			T										.05		.01											
WOODWORTH 5 E	.60	.11			T			.13				T				.24								T		.17						T		
ZAHL	.56	.12						.04			.01	.02	T	.07	.02		.10	.14	T	.04				T										

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
JANUARY 1954

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALMONT 7SW	MAX MIN	36 21	22 2	42 12	39 22	41 12	50 14	27 5	15 1	-12	25 -13	9 -3	22 -5	22 7	14 -11	13 20	-17 -28	-3 -30	3 -12	-3 -17	-10 -29	-9 -25	6 -19	18 -10	-5 -22	5 -17	-1 -27	7 -6	25 -5	35 5	28 4	44 13	16.2 -6.7	
AMENIA	MAX MIN	40 6	13 1	21 -9	33 9	33 6	20 -7	24 -4	21 2	11 -12	2 -21	3 -15	7 -25	21 4	19 -5	-2 -14	-11 -23	-1 -12	-8 -24	-6 -31	3 -19	-4 -4	11 -11	-4 -1	3 -20	1 -25	-1 -25	10 -23	8 -6	10 3	15 4	25 19	9.7 -5.5	
AMIOON	MAX MIN	45 18	40 2	36 4	47 19	39 26	41 25	51 11	22 10	16 -14	20 -8	27 3	18 3	23 4	20 -5	24 -18	-11 -24	-21 -25	-1 -17	15 -34	-6 -34	-9 -21	5 -2	39 -5	0 -20	-5 -25	12 -23	2 -6	23 3	12 4	42 19	33 4	19.0 -5.5	
ARVILLA STATF PARK	MAX MIN	38 3	8 -3	23 -9	35 2	25 -1	27 -9	20 -6	16 2	7 -16	4 -25	-4 -17	-9 -31	9 4	-4 -11	9 -18	-18 -27	-9 -27	-7 -19	-7 -23	-8 -26	-9 -36	2 -23	6 -8	-6 -3	-5 -15	-5 -27	10 -14	-6 -12	6 7	20 -18	31 -34	7.9 -14.3	
ASHLEY	MAX MIN	37 14	15 3	29 1	38 18	32 8	47 1	37 1	12 5	6 -13	22 -17	14 -8	17 15	25 12	23 -13	11 -16	-6 -22	-5 -31	4 -13	1 -9	-7 -27	-8 -35	4 -19	11 -6	5 -17	0 -13	0 -25	6 -30	0 -6	14 8	25 2	24 -14	40 7	14.9 -8.8
BEACH	MAX MIN	45 25	42 5	36 2	42 19	40 20	41 22	51 17	28 11	13 -6	14 -4	27 10	19 -6	23 4	20 -10	23 -18	-15 -24	-10 -25	-2 -16	9 -17	-6 -34	-7 -34	-5 -21	39 -6	-1 -28	0 -22	1 -24	17 -10	11 -6	40 2	23 16	35 18	19.1 -5.5	
BELCOURT INDIAN RES	MAX MIN	35 0	17 -4	22 -8	28 1	23 5	37 -6	11 -12	5 -5	-3 -25	10 -16	1 -13	10 -26	15 -5	13 -11	-4 -26	-17 -35	-8 -36	-12 -23	-5 -35	-10 -39	-2 -25	0 -15	-3 -18	0 -35	-4 -35	1 -17	2 -25	10 -15	19 -27	4 -3	12 -18	6.7 -18.1	
BELFIELD	MAX MIN	33 16	33 -1	40 12	40 21	42 21	51 24	32 8	21 -1	19 -12	27 -5	19 -10	18 0	18 1	21 -12	0 -21	-17 -26	-1 -29	8 -16	-6 -19	-15 -37	-8 -32	18 19	14 -17	4 -20	4 -26	10 -8	36 -2	37 1	36 4	47 11	19.4 -6.7		
BISBEE	MAX MIN	34 3	14 -5	34 -10	37 1	19 -5	22 0	6 -9	8 -4	-3 -21	8 -22	-3 -17	14 -20	16 -2	15 -11	-2 -22	-18 -33	-11 -32	-11 -26	-8 -29	-14 -40	-15 -36	-5 -29	0 -12	-7 -22	-4 -26	-12 -27	2 -18	5 -11	4 -20	13 -6	32 -17	5.2 -17.1	
BISMARCK WB AIRPORT	MAX MIN	28 12	12 -5	35 -4	41 12	34 0	46 10	16 3	13 -4	-4 -20	23 -21	7 -8	22 -6	23 -8	13 -2	5 -18	-17 -32	-1 -33	4 -12	-4 -36	-11 -37	-8 -36	9 -16	5 -11	-7 -21	5 -34	0 -21	4 -34	4 -8	15 -6	28 -4	43 -11	12.8 -11.7	
BOTTINEAU	MAX MIN	34 4	9 1	14 -7	30 2	24 -4	8 -11	24 -8	6 -1	5 -20	-1 -24	11 -5	0 -23	10 -6	11 -9	-22 -34	-10 -34	-12 -29	-14 -42	-21 -41	-16 -24	-14 -18	-21 -20	1 -27	-7 -32	-9 -27	-9 -32	-3 -32	4 -21	2 -10	0 -19	21 -8	2.1 -18.0	
BOWBELLS	MAX MIN	40 8	11 -13	25 -12	39 7	31 -9	33 9	33 -4	3 -3	2 -19	10 -18	14 -5	15 -13	21 4	15 -15	0 -26	-21 -34	-16 -32	-12 -27	-17 -30	-18 -35	-18 -35	-5 -23	5 -19	-9 -23	-7 -15	3 -26	-6 -19	10 -10	13 -10	33 2	6.5 -16.6		
BOWMAN COURT HOUSE	MAX MIN	42 25	37 5	45 15	42 17	39 25	48 25	48 22	25 -5	6 -12	29 -5	25 6	18 5	21 9	25 -2	25 -15	-11 -20	0 -20	11 -20	-5 -33	-8 -25	28 -17	22 -10	-5 -20	3 -13	5 -23	22 -7	45 0	38 14	35 20	45 20	23.3 -2.2		
BUTTE	MAX MIN				40 0	33 0	37 -13	8 -4	5 -18		10 -18	6 -15		18 3	18 -5	3 -22	-10 -29	-9 -31	-8 -20	-10 -35	-18 -31	-13 -25				1 -28	3 -34		5 -22	17 -5				
CARRINGTON	MAX MIN	40 9	15 2	8 0	33 2	35 6	20 2	37 -4	9 -7	10 -19	1 -20	12 -12	0 -19	17 -7	21 -12	10 -15	-10 -27	-14 -28	-8 -28	-5 -21	-10 -32	-24 -33	5 -2	2 -18		-1 -20	3 -28	3 -27	14 -13	4 -7	10 -10		7.4 -14.2	
CARSON NO 2	MAX MIN	47 24	31 2	35 10	39 18	40 10	32 32	52 5	25 -11	17 10	26 0	12 -6		24 4	22 -6	16 -18	-18 -22	-14 -28	-2 -16	7 -31	-2 -33	-7 -20	-2 -13	-2 -22	-4 -12	2 -28	10 -20	6 -4	32 0	17 -10	30 9	15.5 -8.3		
CAVALIER	MAX MIN	26 -1	5 -3	18 -3	33 3	17 -3	15 -8	8 -4	16 4	4 -18	-1 -18	-4 -15	-22	22 2	17 -11	-9 -22	-9 -29	-5 -27	-5 -17	-11 -28	-16 -32	-7 -25	-11 -10	-16 -15	-1 -25	5 -20	-7 -24	8 -14	2 -15	8 -19	17 -11	19 -13	5.2 -13.8	
CENTER	MAX MIN	35 16	19 -2	32 -4	37 14	35 0	45 -1	24 2	12 1	19 -14	22 -20	15 -7	22 -12	27 -14	18 -13	-9 -18	-9 -25	-6 -35	-9 -15	-5 -20	-9 -30	-11 -39	6 -19	8 -25	-2 -22	-3 -34	-10 -10	20 0	19 -12	25 5	42 1	13.3 -12.2		
COOPERSTOWN	MAX MIN	38 4	10 -2	27 3	32 7	25 0	35 -8	23 -8	11 -4	6 -21	10 -20	8 -13	14 -21	21 5	20 -10	1 -19	-18 -27	-9 -30	-6 -18	-7 -19	-12 -30	-15 -35	0 -20	5 -7	-4 -14	-2 -24	11 -10	8 -12	7 -4	23 -15	35 -8	9.4 -12.4		
CROSBY	MAX MIN	31 8	15 -9	36 4	27 2	25 -10		5 -4	-5 -6	2 -17	2 -6	12 -6		6 1	-3 -18	-3 -26	-18 -34	-15 -29	-14 -41	-18 -38	-19 -41	-19 -38	2 -21	-5 -17	-7 -27	-5 -32	-7 -17	5 -18	17 -12	38 -9	3 2	3.1 -15.6		
DEVILS LAKE W R CITY	MAX MIN	13 2	4 -4	33 -1	32 6	27 -8	32 -8	7 -8	13 -8	-8 -21	6 -20	-8 -18	-19	19 4	-4 -12	-3 -22	-2 -30	-12 -30	-10 -22	-9 -21	-14 -35	-15 -36	-5 -22	-11 -12	-8 -20	-4 -21	-5 -29	3 -14	6 -14	-1 -9	15 -13	35 -5	5.0 -15.1	
DICKINSON CAA AP	MAX MIN	36 26	32 3	43 16	42 21	34 20	50 13	22 9	19 -12	2 -12	25 -3	9 0	19 2	20 -3	20 -9	-4 -22	-17 -27	-3 -20	8 -15	-7 -22	-11 -33	-9 -27	9 -16	22 -19	24 -24	-5 -25	4 -27	10 5	38 -1	34 1	29 3	42 22	17.1 -6.1	
DICKINSON EXP STATION	MAX MIN	45 25	35 2	28 3	45 19	41 20	34 39	50 9	23 9	14 10	19 -13	26 1	17 1	19 -7	22 -12	20 -21	-14 -23	-9 -31	-2 -18	6 -18	-5 -36	-10 -34	-8 -16	13 -10	-1 -25	2 -18	5 -30	8 -21	6 -6	36 2	19 -8	34 12	16.6 -7.6	
DRAKE	MAX MIN	40 11	14 2	20 -6	34 11	33 3	18 -5	38 -5	7 -5	5 -18	6 -18	16 -14	2 -16	18 2	16 -10	7 -29	-15 -29	-23 -32	-11 -23	-8 -33	-11 -34	-18 -34	-15 -25	-4 -16	-11 -26	0 -35	4 -33	1 -14	8 -6	6 -9	31 -4	6.8 -14.5		
DUNN CENTER	MAX MIN	44 23	29 2	21 -5	38 9	37 9	27 4	48 5	19 -5	11 -10	4 -15	24 -1	10 -12	21 -5	19 -15	-9 -22	-14 -25	-10 -37	-5 -15	-4 -37	-10 -15	0 -37	-4 -37	-9 -37	-7 -26	-5 -14	-3 -30	5 -36	3 -8	27 -8	18 -12	24 -1	12.8 -12.6	
ECKMAN	MAX MIN	39 8	15 -14	5 -7	35 0	29 -5	12 -8	32 -6	5 -4	4 -23	14 -23	3 -10	19 -19	18 -8	15 -8	-8 -24	-18 -33	-9 -35	-12 -32	-11 -40	-14 -41	-12 -28	-5 -25	-5 -28	-8 -28	0 -20	-6 -6	4 -35	5 -8	6 -20	20 -14	3 -19	3.8 -19.8	
EDGELEY EXP FARM	MAX MIN	43 17	18 6	10 1	35 6	34 18	20 0	34 0	13 0	15 -12	-5 -16	-8 -14	6 -4	18 0	20 -3	10 -7	-5 -20	-16 -28	-5 -11	3 -28	-15 -32	-13 -28	10 -32	7 -21	-5 -15	-15 -25	-2 -15	0 -20	1 -8	22 -3	28 -8	10.0 -9.4		
EDMURE 1 W	MAX MIN	36 -3	8 0	19 -8	32 -1	30 2	28 -10	18 -8	15 3	5 -20	5 -21	5 -17	9 -23	18 3	19 -13	-3 -20	-3 -31	-13 -31	-11 -27	-7 -38	-14 -40	-2 -25	-4 -10	-2 -13	-4 -25	-5 -25	-4 -32	0 -13	1 -25	2 -32	10 -13	26 -12	6 -16.6	
ELBOWOODS	MAX																																	

DAILY TEMPERATURES

NORTH DAKOTA
JANUARY 1954

Table S-Continued

Station		Day Of Month																															Average		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
GARRISON	MAX	42	22	18	37	35	17	40	11	6	0	17	4	19	20	4	-5	-12	-8	-9	-8	-15	-11	4	-3	-6	3	4	0	13	10	22	8.7		
	MIN	18	0	-3	14	4	-3	-1	-1	-14	-17	-7	-11	-1	-6	-20	-27	-31	-20	-19	-33	-34	-22	-12	-23	-25	-33	-34	-11	-6	-5	-2	-12.4		
GRAFTON STATE SCHOOL	MAX	39	7	19	20	16	14	18	19	10	-2	-8	0	18	18	-12	-18	-11	-10	-8	-14	-21	0	0	-8	-4	-5	7	3	5	16	18	4.1		
	MIN	-2	-8	-10	4	-2	-8	-8	-18	-21	-14	-26	-2	-8	-18		-32	-30	-28	-22	-30	-41	-26	-10	-14	-20	-26	-17	-17	-12	-20	-13	-16.6		
GRAND FORKS CAA AP	MAX	11	12	31	33	26	18	17	22	1	-2	-5	7	20	18	-4	-18	-9	-5	-9	-11	-16	9	8	-8	-4	-9	9	7	4	16	29	6.4		
	MIN	1	-7	-6	7	-8	-8	-6	1	-18	-18	-24	-23	7	-8	-19	-27	-28	-20	-21	-31	-32	-20	-11	-14	-14	-24	-13	-14	-11	-18	-11	-14.1		
GRAND FORKS UNIVERSITY	MAX	29	13	22	33	26	13	11	22	7	-3	-4	1	19	18	-3	-18	-12	-5	-5	-10	-18	5	10	-8	-5	-5	11	7	5	11	21	6.1		
	MIN	1	-3	-7	9	-2	-6	-6	5	-15	-18	-17	-24	1	-8	-18	-26	-26	-18	-18	-27	-32	-22	-8	-11	-13	-21	-13	-12	-7	-15	-8	-12.4		
GRAND RAPIDS 1N	MAX	37	14	24	39	35	41	33	14	5	18	13	12	24	18	6	-17	-3	2	-3	-7	-13	9	9	0	0	0	10	10	14	24	41	13.2		
	MIN	11	5	-4	11	10	-6	-1	1	-13	-21	-9	-23	10	-4	-17	-23	-32	-18	-13	-25	-35	-21	0	-14	-9	-29	-16	-12	-5	-21	-15	-10.9		
GRANVILLE	MAX	35	8	33	35	30	32	11	6	1	17	5	20	21	17	0	-18	-2	-6	-7	-13	-10	1	1	-8	-2	-4	5	13	7	17	37	9.1		
	MIN	7	-4	-5	7	-4	-7	-5	-1	-18	-15	-10	-17	-3	-8	-22	-30	-32	-24	-26	-33	-36	-21	-10	-25	-25	-36	-12	-15	-8	-12	-3	-14.6		
GRENOIRA	MAX	35	36	33	32	38	18	11	13	17	9	22	14	5			-20	-15	-12	-15	-20					-4	-8	1	2	20	21	19	40	11.2	
	MIN	10	10	12	0	2	-4	-13	-13	-13	-3	-5	3	-18			-38			-24	-40	-39				-32	-23	-33	-13	-12	-9	-12	6	-12.0	
HANKINSON R R STATION	MAX	40	20	15	34	37	30	28	19	22	-2	10	0	20	23	8	-3	-10	4	-5	-7		-13	12	21	-4	-2	1	10	13	18	11.7			
	MIN	12	7	-3	5	19	-5	-2	-3	-7	-18	-19	-20	-20	2	-4	-18	-25	-25	-8	-19	-30	-30	-17	-8	-10	-19	-21	-12	-2	-10	-8	-10.3		
HANNAH	MAX	25	5	19	31	25	24	1	9	-4	4	-5	10	14	12	-3	-17	-9	-12	-10	-15	-14	-5	1	-13	-5	-9	-1	4	0	14	31	3.5		
	MIN	-8	-3	-6	0	-8	-11	-11	-5	-25	-22	-19	-23	0	-17	-25	-32	-31	-32	-29	-34	-37	-24	-14	-21	-25	-31	-13	-21	-14	-18	-10	-18.4		
HANSBORO	MAX	33	6	30	25	21	27	7	-9	7	-2	10	18	13	-2		-19	-8	-7	-9	-10	-11	-7	0	-9	-2	-11	-1	2	3	20	36	5.0		
	MIN	2	-7	-6	-1	-6	-9	-10	-22	-21	-17	-19	-1	-11	-24		-31	-32	-30	-25	-31	-33	-22	-12	-21	-26	-31	-13	-18	-10	-16	-6	-17.0		
HETTINGER	MAX	39	35	48	41	39	55	34	21	7	29	17	26	26	18	11	-15	1	14	10	-8	-8	22	30	-6	5	3	20	39	33	35	44	21.5		
	MIN	25	6	15	19	24	23	10	-8	-11	-5	4	6	9	-3	-16	-21	-21	-12	-10	-34	-24	-19	-10	-20	-20	-25	-4	-4	6	0	16	-3.4		
HILLSBORO	MAX	39	13	21	30	29	16	20	21	16	0	-6	0	19	18	14	-17	-11	-3	-5	-9	-16	6	11	-5	-2	-2	12	7	7	12	19	8.2		
	MIN	3	4	-6	8	2	-7	-5	5	-12	-19	-14	-23	-1	-12	-17	-23	-29	-15	-17	-25	-32	-21	-6	-11	-12	-18	-12	-10	-7	-17	-8	-11.5		
JAMESTOWN CAA AP	MAX	27	10	33	37	33	39	8	12	-3	15	3	18	21	12	2	-18	-8	-2	-6	-10	-12	5	4	-4	-1	-8	5	8	14	26	37	9.6		
	MIN	6	4	2	18	-4	0	-1	-4	-17	-17	-16	-16	5	-7	-19	-27	-28	-14	-13	-29	-32	-19	-8	-15	-16	-22	-10	-6	0	-13	-6	-10.5		
JAMESTOWN STATE HOSP	MAX	36	10	23	37	34	38	22	12	5	15	9	17	23	19	5	-16	-6	-2	-7	-10	-10	7	5	-6	-2	-2	5	8	14	28	37	11.2		
	MIN	7	5	2	18	0	-2	-1	3	-14	-16	-10	-15	7	-6	-19	-25	-27	-14	-12	-26	-30	-19	-6	-14	-10	-23	-10	-6	0	-11	-6	-9.0		
KENMARE	MAX	41	13	24	39	33	25	39	5	3	10	16	12	20	19	4	-20	-14	-14	-11	-15	-19	-14	-2	-7	-10	-7	5	-6	15	12	33	7.4		
	MIN	10	-5	-10	11	-5	-7	-4	-2	-18	-19	-2	-10	5	-10	-25	-32	-32	-24	-25	-32	-34	-23	-14	-29	-23	-30	-28	-16	-8	-10	4	-14.4		
KENSAL WILDLIFE REFUGE	MAX	33	7	24	34	34	40	34	12	2	15	7	22	22	19	8	-20	-3	-3	-6	-11	-14	2	5	-8	-1	-2	8	10	13	25	37	11.0		
	MIN	5	3	0	6	-1	-9	-3	2	-18	-23	-16	-16	-1	-11	-20	-27	-32	-18	-20	-30	-37	-22	-8	-17	-15	-27	-10	-14	-2	-12	-7	-12.9		
LANGDON EXP FARM	MAX	34	12	18	29	16	19	11	11	2	5	-5	8	17	17	-5	-21	-11	-13	-11	-15	-15	-7	1	0	-1	-3	-1	1	0	16	27	4.4		
	MIN	-8	-1	-6	-1	-2	-13	-12	-1	-23	-23	-19	-24	5	-18	-23	-33	-32	-27	-27	-35	-35	-27	-11	-15	-22	-34	-14	-21	-13	-20	-11	-17.6		
LARIMORE	MAX	37	9	23	34	19	28	19	16	7	4	-4	10	20	18	-4	-15	-7	-8	-7	-10	-15	1	4	-6	-4	-6	8	5	3	19	31	7.4		
	MIN	2	0	-7	7	0	-8	-7	1	-18	-22	-18	-25	6	-11	-20	-28	-29	-20	-18	-29	-32	-22	-10	-14	-15	-25	-14	-14	-17	-17	-11	-14.0		
LEEDS	MAX	34	4	25	29	34	20	20	10	1	10	6	15	16	16	-1	-20	-11	-14	-12	-16	-14	-4	-4	-7	-6	-6	-10	0	0	14	32	5.2		
	MIN	4	-6	-7	5	-5	-10	-2	8	-1	-22	-22	-15	-25	-1	-14	-25	-31	-31	-28	-24	-38	-38	-22	-10	-18	-21	-41	-14	-18	-13	15	-8	-16.8	
LINTON	MAX	38	24	30	40	37	49	35	18	5	27	18	20	26	20	15	-11	0	8	1	-6	-5	8	9	8	0	3	10	12	22	30	49	17.4		
	MIN	21	2	5	9	10	5	5	4	-11	-21	-9	-7	-2	-9	-15	-26	-36	-14	-11	-28	-36	-17	-5	-18	-12	-31	-10	-6	4	-6	-6	-8.7		
LISBON	MAX																																		
	MIN																																		
LOSTWOOD 12N	MAX	25	8	38	33	29	36	3	3	-6	13	3	17	15	12	-4	-24	-14	-11	-13	-18	-17	-3										5.7		
	MIN	6	-9	0	12	-10	-5	-7	-6	-19	-17	-13	-13	0	-16	-29	-37	-33	-21	-32	-39	-38	-25										-16.0		
MADDOCK AGR SCHOOL	MAX	35	6	24	35	32	35	22	8	5																									

Table 5-Continued

DAILY TEMPERATURES

NORTH DAKOTA
JANUARY 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX	46	35	43	40	38	51	32	22	5	27	19	20	21	22	18	-17	-1	9	2	-8	-9	18	21	-7	5	2	12	35	37	33	45	19.9
	MIN	23	4	10	14	24	23	11	4	-11	-11	3	5	-3	-9	-17	-22	-28	-14	-12	-32	-30	-17	-10	-22	-18	-29	-8	-3	8	-7	8	-5.4
NEW SALFM 1 S	MAX	34	19	37	40	38	47	27	11	0	23	8	21	22	12	9	-18	-4	3	-5	-11	-10	6	8	-3	4	12	7	19	31	28	42	14.7
	MIN	17	0	8	20	5	2	9	-2	-14	-13	-4	-4	5	-10	-21	-31	-24	-15	-18	-35	-33	-19	-11	-25	-18	-32	-7	-10	-2	-1	-1	-9.2
NEWTOWN	MAX	36	13	40	36	34	39	13	10	0	18	10	20	18	14	0	-20	-8	-1	-2	-12	-13	3	3	-11	-1	-3	0	10	13	20	39	10.3
	MIN	13	-6	-1	19	-2	-2	-1	0	-14	-16	-4	-6	-1	-14	-24	-33	-35	-20	-24	-39	-37	-20	-13	-26	-25	-32	-11	-13	-6	-9	1	-12.9
OAKES	MAX	43	17	10	28	34	23	28	17	17	-2	12	4	17	22	10	-3	-16	-2	5	-1	-15	-12	15	9	-2	0	-3	10	13	19	17	10.1
	MIN	12	6	-6	7	8	-5	-1	-1	-10	-20	-9	-25	-17	0	-5	-20	-30	-22	-9	-23	-35	-30	-15	-12	-11	-24	-20	-9	-4	-20	-16	-11.8
PARK RIVER	MAX	39	8	21	36	20	25	18	14	7	0	-4	8	21	17	-7	-18	-9	-11	-8	-12	-18	-2	4	-7	-5	-5	5	2	3	13	33	6.1
	MIN	2	2	-3	3	0	-8	-8	3	-14	-19	-14	-21	3	-11	-18	-27	-28	-27	-20	-27	-34	-24	-8	-14	-22	-24	-15	-16	-9	-14	-11	-13.6
PARSHALL	MAX	33	14	39	38	34	39	17	8	0	16	5	19	19	15	0	-21	-8	-6	-5	-12	-13	5	2	-9	0	-3	1	12	10	19	39	9.7
	MIN	13	-10	3	9	-2	-2	0	-1	-18	-19	-3	-11	-4	-16	-29	-34	-39	-23	-30	-41	-39	-20	-11	-29	-28	-37	-12	-14	-8	-13	-2	-15.2
PEMBINA 2N	MAX	37	6	18	35	25	37	5	2	-10	13	-3	20	20			-15	-7		-6	-10	-20	-5	4	4	-6	-6	5	2	4	4	15	3.2
	MIN	-9	1	-12	-4	-10	-9	-7	6	-12	-11	-17	-34	-15	-18		-33	-30	-28	-27	-32	-48	-27	-9	-16	-24	-30	-18	-24	-14	-25	-20	-18.4
PETERSBURG	MAX	33	20	31	21	27	17	15	5	-5	0	9		17	17	0	-16	-14	-11	-11	-17	-15	-2	0	-8	-4	-10	-4	2	1	4	29	4.3
	MIN	0	-1	-5	-3	0	-11	-9	-1	-20	-22	-19	-23	6	-14	-21	-30	-30	-25	-24	-31	-35	-24	-9	-18	-18	-31	-17	-17	-7	-19	-9	-15.7
PETTIBONE	MAX																5			-9	-4		4	3	-8	1	-1	4	8	10	18	36	
	MIN																-20			-35	-24		-16	-32	-35	-21	-9	-20	-14	-28	-10	-12	-2
PORTAL	MAX	39	14	25	40	30	37	32	3	1	8	17	14	18	13	-3	-23	-20	-12	-16	-18	-22	-14	-5	-9	-10	-12	-1	-6	12		32	5.1
	MIN	8	-11	-8	4	-10	-11	-6	-3	-20	-21	-9	-10	4	-18	-27	-35	-35	-27	-33	-42	-40	-22	-15	-26	-25	-32	-22	-20	-12	-12	4	-17.2
POWERS LAKE 1N	MAX		9	36	35	25	37	5	2	-10	13	-3	20	15	0	-6	-28	-13	-13	-12	-18	-18	-2	0	-8	-10	-6	2	9	6	18	34	3.8
	MIN		-15	2	4	-11	-8	-7	-15	-21	-21	-13	-10	0	-19	-28	-39	-38	-30	-32	-43	-37	-23	-19	-32	-29	-37	-20	-21	-20	-10	0	-19.7
RICHARDTON ARRFY	MAX	37	29	41	40	42	50	38	20	3	24	19	19	20	15	12	-18	-4	5	3	-9	-11	10	8	-6	4	-2	8	29	36	32	45	17.4
	MIN	24	0	11	21	14	14	6	2	-12	-12	-1	-2	3	-8	-22	-24	-29	-16	-17	-34	-28	-17	-11	-23	-17	-28	-5	-6	2	3	17	-6.5
RIVERDALE	MAX	43	22	15	39	37	19	41	11	6	2	18	6	20	21	6	-5	-17	-9	-2	-7	-19	-12	3	-2	-6	1	2	-1	17	11	22	9.0
	MIN	17	0	-1	6	6	-2	0	-1	-14	-15	-3	-11	-3	-7	-20	-17	-32	-18	-17	-32	-32	-24	-12	-22	-25	-32	-30	-11	-3	-8	2	-12.0
ROLLA	MAX	20	14	23	28	23	34	11	6	-8	9	-3	10	13	7	-2	-17	-8	-11	-9	-14	-11	-7	0	-5	-3	-11	-5	3	13	25	43	5.4
	MIN	0	-4	-5	2	-9	-10	-12	-9	-23	-22	-15	-15	1	-12	-24	-33	-32	-23	-29	-34	-33	-23	-11	-19	-27	-30	-22	-15	-6	-15	-6	-16.6
RUGBY	MAX	35	6	27	34	32	74	18	8	5	12	10	18	18	15	-2	-18	-14	-9	-8	-12	-15	-4	2	-8	-3	-5	2	5	4	14	31	7.2
	MIN	5	-8		7	-5	-8	-10	2	-27	-23	-11	-18	-1	-12	-22	-32	-32	-26	-26	-36	-36	-20	-9	-20	-26	-36	-12	-16	-6	-14	-6	-16.1
SAN HAVEN	MAX	35	13	20	28	25	32	13	6	0	11	0	8	15	15	-2	-18	-12	-12	-5	-10	-15	-9	-1	-5	-3	-10	0	0	8	25	40	6.2
	MIN	4	-4	-6	1	-3	-7	-15	0	-22	-23	-7	-16	-2	-10	-23	-32	-33	-20	-22	-32	-35	-21	-12	-16	-23	-24	-15	-18	-6	-14	-4	-14.8
SHARON	MAX	35	15	21	32	24	33	19	17	5	7	-3	10	20	15	-5	-20	-10	-8	-6	-14	-18	-1	8	-3	-2	-5	5	6	3	20	32	7.5
	MIN	1	-1	-3	9	-4	-8	-6	0	-18	-20	-16	-21	5	-11	-20	-28	-30	-18	-18	-29	-33	-21	-8	-15	-12	-25	-11	-13	-4	-15	-8	-12.9
STANLEY	MAX	30	8	37	30	30	35	14	5	0	13	-5	18	18	2	-7	-22	-13	-10	-13	-17	-15	-1	-1	-13	-4	0	-5	13	15	18	37	6.7
	MIN	8	-12	2	18	-8	4	-3	-5	-18	-9	-10	-3	-7	-12	-26	-34	-34	-22	-27	-38	-39	-23	-16	-28	-25	-32	-17	-10	-10	-10	0	-14.4
STEELE	MAX	38	12	27	36	34	43	24	10	3	14	14	17	23	23	4	-16	-3	2	-7	-9	-12	2	7	-7	2	0	3	11	15	23	40	12.2
	MIN	2	2		12	2	3	-2	7	-18	-22	-13	-17	8	5	-18	-26	-35	-18	-17	-34	-39	-15	-9	-27	-14	-32	-8	-8	0	-2	-6	-11.3
TOWNER	MAX	34	12	22	35	27		7	8	1	15	8	18	19	17	0	-19	-12	-8	-8	-18	-14	-4	2	-10	-3	-8	11	-5	5	15	35	6.1
	MIN	-3	-7	-8	-7	-10		1	-20	-20	-15	-18		1	-11	-21	-32	-34	-18	-30	-37	-38	-78	-11	-24	-27	-37	-11	-18	-15	-15	-6	-18.3
TURTLE LAKE	MAX	37	15	31	33	33	41	24	10	2	15	12	20	20	20	6	-9	-8	-4	-3	-10	-12	2	-2	7	2	-1	4	10	10	21	42	11.5
	MIN	8	-2	-9	17	0	-3	-3	1	-14	-19	-8	-12	-2	-5	-21	-30	-33	-18	-19	-36	-37	-21	-9	-27	-24	-38	-8	-12	-5	-8	-2	-13.0
UNDERWOOD	MAX	47	21	13	37	16		41	12	6	0	17	6	20	20	6	-15	-18	-7	-3	-7	-22	-11	-2	2	-15	2	2	0	19	11	21	7.3
	MIN	17	0	2	13	-3		-1	-2	-16	-18	-7	-14	-1	-6	-20	-27	-34	-18	-19	-34	-35	-22	-12	-25	-25	-32	-29	-12	-4	-6	0	-13.0
UPHAM 3N	MAX	16	8	25	33	26	29	17	6	3	15	6	20	14	15	-1	-17	-12	-8	-10	-12	-12	-4	0	-8	2	-11	0	8	4	13	32	6.4
	MIN	2	-9	-14	-4	-5	-10	-6	-1	-23	-21	-10	-17	-12	-8	-25	-34	-34	-28	-30	-40	-39	-21	-11	-26	-30	-37	-29	-19	-12	-20	-10	-18.8
VALLEY CITY	MAX	37	11	34	34	33	35	32	17	10	14	17	17	23	21	6	-12	-6	-3	-3	-8	-13	3	7	-3	-2	2	7					

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
JANUARY 1954

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALMONT 7 SW	SNOWFALL SN ON GND	T							1.0 1	1	1	1	T	1	0.5 1	1	1.5 3	0.4 3	3	3	3	T 3	0.5 4	4	4	T 4	0.4 4	1.4 6	6	6	6	6	6	2
AMENIA	SNOWFALL SN ON GND	2.0 8	1.0 9	8	7	7	7	7	1.0 8	1.0 9	9	9	9	9	1.0 10	2.0 12	1.0 13	13	13	13	13	1.0 14	14	14	14	14	3.0 17	17	17	17	17	17	17	
AMIDON	SNOWFALL SN ON GND	T	T	T	T	T	T		1.5 1	0.5 2	2	2	2	2	T 2	2	2	2.0 4	4	4	4	4	0.5 4	4	4	4	T 4	T 4	T 4	4	4	4	4	
ASHLEY	SNOWFALL SN ON GND		T						T	T		T					T					0.5 1	1	1	1	1	7.0 8	8	8	8	8	8	4	
BEACH	SNOWFALL SN ON GND	0.2 1	0.5 1	1	1	T	T	T	1.5 2	-	2	2	2	T 2	2	-	2	4.0 5	5	5	T 5	0.4 5	0.4 5	5	5	5	2.5 7	7	7	0.6 7	7	6	6	3
BELCOURT INDIAN RES	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	11	-	-	-	-	-	-	-	-	21	22	22	-	-	-	-	-	
BELFIELD	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	4	3
BEULAH	SNOWFALL SN ON GND	1.5 2	2	1	1	1	1	T	3.0 3	3	2	2	1	1	1.8 3	3	3	3	3	3	3	3	3	3	3	2.3 5	5	5	5	5	5	5	5	3
BISBEE	SNOWFALL SN ON GND	1.0 7	1.0 8	8	8	8	8	8	0.5 8	T 8	T 8	8	8	8	1.0 9	1.0 10	1.0 11	11	2.0 13	2.0 15	1.0 16	16	16	16	16	1.0 17	1.0 17	17	17	17	17	17	17	17
BISMARCK WB AP	SNOWFALL SN ON GND WTR EQUIV	0.1 T	1.5 2	T 1	1	1	1	T	1.4 T	1	1	1	1	1	0.2 1	0.3 1	1.8 2	T 3	T 3	T 3	0.7 3	T 3	4	4	4	0.2 3	T 3	1.7 4	T 4	5	5	4	4	4
BOTTINEAU	SNOWFALL SN ON GND	6	2.5 9	9	9	9	9	9	0.5 9	0.6 9	9	9	9	9	0.4 9	1.0 10	1.0 11	1.0 11	2.0 13	0.2 13	13	13	13	13	13	0.1 13	0.8 14	0.1 14	14	14	14	14	14	
BOWBELL5	SNOWFALL SN ON GND	-	5.0 8	8	8	8	8	8	1.0 9	T 9	9	9	9	9	9	0.1 9	-	-	4.0 12	-	-	-	-	-	-	0.5 12	0.2 12	-	-	-	-	-	-	10
CARSON NO 2	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CENTER	SNOWFALL SN ON GND	T	1	T	T	T	T	T	3.0 3	3	3	3	3	3	T 3	1.0 3	T 4	T 4	T 4	T 4	T 4	T 4	0.4 4	4	4	4	1.4 5	5	5	5	5	4	3	
CROSBY	SNOWFALL SN ON GND	3.0 3	3	3	3	3	3	3	1.0 3	4	4	4	4	4	1.0 5	1.0 6	6	6	6	6	1.0 6	3.0 10	10	10	10	10	T 10	T 10	T 10	10	10	10	10	10
DEVILS LAKE WB AP	SNOWFALL SN ON GND	2.9 6	1.6 10	T 10	T 9	T 9	T 8	T 8	3.7 8	T 8	12	11	11	11	1.7 11	1.5 12	0.6 14	0.5 14	0.5 14	0.5 16	0.5 16	16	16	16	16	15	18	18	18	17	16	15	15	
DICKINSON CAA AP	SNOWFALL SN ON GND	0.5 T	T	T			T	T	0.6 1	1	1	1	1	1	0.1 1	0.2 1	0.5 2	0.1 2	T 2	T 2	0.4 2	3	3	3	3	1.0 3	0.3 4	T 4	4	4	3	3	3	3
DICKINSON EXP STA	SNOWFALL SN ON GND	-	-	-	T				-	T						1.0 4	1.0 5	5	5	5	5	5	5	5	5	0.5 5	T 6	T 6	T 6	T 6	6	6	6	6
DUNN CENTER	SNOWFALL SN ON GND	T	4.7 5	5	4	4	4	2	1.1 3	3	3	3	3	3	3	3	2.1 5	0.8 5	0.6 5	T 6	T 6	T 6	T 6	T 6	6	6	10	10	10	10	10	10	10	10
EDMORE 1 W	SNOWFALL SN ON GND	3.0 7	7	7	7	7	7	7	3.0 10	-	12	12	12	12	1.5 12	2.0 15	1.5 15	1.5 15	4.0 19	19	19	19	19	19	19	19	4.0 23	T 23	T 23	T 23	23	23	23	23
ELLEDALE	SNOWFALL SN ON GND	2	T	2	1	1	1	1	T	T	T	T	1	1	1	0.6 2	0.8 2	2	2	2	2	0.6 3	3	3	3	T 3	4.2 6	6	6	6	6	5	5	
FARGO WB AP	SNOWFALL SN ON GND WTR EQUIV	1.6 6	0.2 8	T 8	0.4 8	0.4 8	0.4 8	0.4 8	1.2 8	T 8	9	9	9	9	0.2 9	T 9	0.5 9	T 9	T 9	0.3 9	0.5 9	10	10	10	10	0.2 10	1.9 10	T 12	T 12	12	12	12	11	
FORT YATES	SNOWFALL SN ON GND	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.9	2.1	2.1	2.1	2.1	2.1	
FOXHOLM 7 N	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FULLERTON	SNOWFALL SN ON GND	T	3	3	3	3	3	3	0.4 3	3	3	3	3	T	3	3	2.2 3	1.4 3	6	6	6	6	6	6	6	6	5.2 11	T 10	10	10	10	10	10	10
GARRISON	SNOWFALL SN ON GND	T	3.8 2	4	3	3	3	2	0.5 3	0.1 3	3	3	3	3	3	0.3 3	2.0 5	0.1 5	1.7 5	T 7	T 7	T 7	7	7	7	1.1 7	-	0.1 7	-	-	-	-	-	
GRAFTON STATE SCHOOL	SNOWFALL SN ON GND	4.0 7	0.5 8	8	8	8	8	8	7.0 15	1.5 15	16	16	16	16	1.7 16	T 16	T 16	4.0 17	T 17	T 17	17	17	17	17	17	2.0 19	1.9 19	1.9 19	1.9 19	1.9 19	1.9 19	1.9		
GRAND FORKS CAA AP	SNOWFALL SN ON GND	1.5 7	1.6 9	9	9	0.8 7	7	7	5.0 6	1.5 12	1.4 11	11	11	11	0.6 10	0.5 10	0.4 10	0.9 10	0.3 10	0.2 9	9	9	9	9	1.0 9	0.3 10	0.9 10	0.2 10	0.2 10	0.2 10	0.2 10	0.2		
GRAND FORKS UNIV	SNOWFALL SN ON GND	1.3 8	2.2 10	10	10	0.1 10	10	10	1.4 11	0.4 12	0.4 12	12	12	12	0.3 12	1.2 13	2.0 15	0.7 15	0.6 17	T 17	T 17	17	17	17	17	0.2 17	0.3 18	0.1 18	0.2 18	0.2 18	0.2 18	0.2 18	0.2	
GRANVILLE	SNOWFALL SN ON GND	3.0 10	2.0 12	12	12	12	12	12	1.0 13	T 13	13	13	13	13	1.0 13	1.0 14	1.0 15	1.0 15	1.0 16	1.0 16	T 16	T 16	16	16	16	1.0 16	1.0 17	1.0 17	1.0 17	1.0 17	1.0 17	1.0 17	1.0	
HANSBORO	SNOWFALL SN ON GND	0.5 3	3.0 6	6	6	6	6	6	2.0 8	8	8	8	8	8	1.5 8	2.0 11	1.1 11	1.1 11	3.0 14	T 14	T 14	14	14	14	0.2 14	1.3 15	1.5 15	1.5 15	1.5 15	1.5 15	1.5 15	1.5 15	1.5	
HETTINGER	SNOWFALL SN ON GND	-	-	-	-	-	-	-	1.0 1	1	1	1	1	1	1	1	1	2.0 3	3	3	3	1.0 4	4	4	4	3	3	2.0 5	5	4	4	4	3	2
JAMESTOWN CAA AP	SNOWFALL SN ON GND	0.6 1	0.6 2	T 2	T 2	T 2	T 2	1	1.4 1	0.1 2	T 2	T 2	T 2	0.4 2	0.2 2	1.9 4	0.1 4	T 4	T 4	0.2 4	0.1 4	4	4	4	4	4	0.1 4	1.8 6	T 6	6	6	6	6	6
KENSAL WILDLIFE REFUGE	SNOWFALL SN ON GND	0.8 4	0.2 4	4	3	2	1	1	1.5 2	0.5 2	2	2	2	2	0.5 2	0.3 2	2.0 4	4	4	4	4	4	4	4	4	4	1.5 5	5	5	5	5	5	5	4
KILLOER B NW	SNOWFALL SN ON GND	3.0 3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.0 5	1.0 5	6	6	6	6	6	6	5	
MANDAN EXP STATION	SNOWFALL SN ON GND	T	1.4 1	1	1	T	T	T	0.5 T	0.7 1	1	1	1	1	1	0.1 1	0.8 2	1.2 3	3	T 3	3	3	3	3	3	0.2 3	1.2 4	0.3 4	4	4	4	4	4	4
MAYVILLE	SNOWFALL SN ON GND	-	-	T	T	T	T	7	1.0 8	0.9 9	0.5 9	0.5 9	0.5 9	0.5 9	0.7 10	0.5 10	0.5 10	0.5 10	T	0.5 10	0.1 10	0.1 10	10	10	10	T	T	0.5 10	T	9	9	9	9	
MC CLUSKY	SNOWFALL SN ON GND	2.0 4	4	4	4	4	4	4	2.0 6	6	6	6	6	6	6	6	3.0 9	T 9	9	9	9	9	9	9	9	9	2.0 10	T 10	10	10	10	10	10	7

Table 7- CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
JANUARY 1954

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MC HENRY 5 N	SNOWFALL SN ON GND	1.0 7	1.2 8	8		T	8	8	8	2.0 10	10	10	10	T	0.1 11	0.5 12	0.6 12	12	T	0.3 12	T	12	12	12	12	12	0.2 12	12	0.2 12	12	12	12	12	
MEDORA 4 NNE	SNOWFALL SN ON GND	1.0								1.0 1	1	1	T	1	0.1 1	0.1 1	2.0 3	0.1 3	3	0.1 3	1.0 4	4	4	3	0.1 3	2.0 5	5	4	0.2 4	3	3	3	2	
MINOT CAA AP	SNOWFALL SN ON GND	1.1 3	0.7 5	5	5	5	T	5	5	0.6 5	0.1 6	0.1 6	T	6	0.7 6	1.3 7	0.4 8	T	1.0 9	0.5 10	0.1 10	10	T	10	2.0 10	T	T	T	T	12	12	12	1	
MINOT EXP STATION	SNOWFALL SN ON GND	0.5 6	5.5 11	0.2 8	8	8	8	7	8	1.5 8	T	8	T	8	0.5 9	0.7 9	2.0 11	11	0.2 11	0.5 11	0.5 12	12	12	12	T	2.5 14	T	T	T	14	14	14	12	
MOHALL	SNOWFALL SN ON GND	2.0 6	3.0 9	9	9	9	9	9	9	0.2 9	T	9	9	T	0.2 9	0.4 10	0.4 10	10	0.3 10	4.0 14	14	14	14	14	0.1 14	0.3 14	0.1 14	-	-	-	-	-	-	
MONTPELIER	SNOWFALL SN ON GND	T	0.4 T	T	T	T	T	T	T	0.8 1	T	1	1	T	0.1 1	0.5 1	0.5 2	0.2 2	T	2	2	0.3 2	2	2	2	T	1.7 4	4	4	4	4	4	3	
MOTT	SNOWFALL SN ON GND		1.0 1	1						2.0 2	2	2	T	2	T	2	0.5 2	0.8 3	3	0.5 3	3	3	3	3	T	3	1.0 4	4	T	4	4	4	2	
MUNICH 4 SW	SNOWFALL SN ON GND	1.0 6	0.5 7	7	6	6	6	6	6	1.0 7	7	7	7	T	7	1.5 9	1.0 10	10	0.5 10	2.5 13	0.5 13	13	13	13	13	3.0 16	T	T	T	16	16	16	16	
NAPOLEON 1 SE	SNOWFALL SN ON GND	T	2.0 2	2	1	1	T	T	T	0.3 T	T	T	T	T	0.3 1	1.0 2	1.0 3	3	3	3	3	0.2 3	3	3	3	3	3.0 6	6	6	6	6	6	4	
OAKES	SNOWFALL SN ON GND	6	-	T	6	6	6	6	6	-	-	T	6	6	-	0.5 6	1.0 7	-	T	-	-	0.5 8	8	8	8	T	2.0 10	2.0 12	12	12	12	12	12	
PARSHALL	SNOWFALL SN ON GND	3.0 4	1.0 5	5	5	5	5	5	5	0.5 6	6	6	6	6	0.4 6	0.3 6	0.7 7	7	0.5 7	T	0.5 8	8	8	8	0.2 8	1.2 9	T	T	T	9	9	9	9	
PETERSBURG	SNOWFALL SN ON GND	-	5	6	6	6	6	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PETTIBONE	SNOWFALL SN ON GND	1.0 -	-	-	-	-	-	-	-	1.0 -	-	-	-	-	-	2.0 6	2.0 8	8	8	8	8	8	8	8	8	1.5 9	9	9	9	9	9	9	9	
PRETTY ROCK	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
RICHAROTON ABBEY	SNOWFALL SN ON GND	0.2 T	T	T	T	T	T	T	T	1.7 2	2	2	2	2	0.3 2	0.5 2	0.7 3	3	3	3	0.1 3	0.7 4	4	4	3	3	0.7 3	0.4 4	3	0.1 3	3	3	3	2
RIVEROALE	SNOWFALL SN ON GND	0.5 1	2.0 3	3	3	3	3	2	2	2.0 4	4	4	4	4	4	4	4	7	7	7	7	7	7	7	7	3.0 10	T	T	T	10	10	10	8	
ROLLA	SNOWFALL SN ON GND	1.0 9	1.0 10	10	10	10	10	10	10	1.5 11	T	11	11	11	11	1.0 12	0.5 13	0.5 13	0.5 13	2.0 14	T	16	16	16	16	1.0 18	1.0 18	T	T	T	18	18	18	14
SAN HAVEN	SNOWFALL SN ON GND	0.5 9	1.5 10	10	10	10	10	10	10	1.8 12	T	12	12	12	0.4 13	0.7 13	0.6 14	0.7 14	1.4 15	1.8 17	T	0.1 17	0.1 17	17	17	1.5 19	T	T	T	19	19	19	19	
SHARON	SNOWFALL SN ON GND	1.5 7	1.0 8	8	8	8	7	7	7	2.0 9	9	9	9	9	0.3 9	T	2.0 11	2.0 13	13	T	T	13	13	13	T	T	1.0 13	14	14	14	14	14	14	
STANLEY	SNOWFALL SN ON GND	3.5 7	7	5	5	5	5	5	5	T	T	5	5	5	5	1.0 6	0.5 6	T	2.0 7	1.0 9	T	10	10	T	T	9	9	9	9	9	9	9	9	
UPHAM 3 N	SNOWFALL SN ON GND	1.0 7	2.0 9	9	T	9	-	-	-	2.0 10	10	10	10	10	1.0 11	1.0 12	T	2.0 14	0.5 14	1.0 15	1.0 16	16	16	16	16	2.0 18	T	T	T	18	18	18	18	
VALLEY CITY	SNOWFALL SN ON GND	0.5 -	0.1 -	-	T	-	-	-	-	0.5 -	0.6 -	-	-	-	T	-	0.5 -	-	0.2 -	-	-	-	-	-	-	T	2.5 -	-	-	-	-	-	-	
WAMPETON STATE SCHOOL	SNOWFALL SN ON GND	0.5 11	0.5 11	11	10	0.5 10	10	10	10	T	1.5 11	T	11	11	11	11	0.3 11	0.4 12	0.7 13	0.7 13	1.0 13	1.0 13	13	13	13	4.0 16	T	T	T	16	16	16	13	
WESTHOPE	SNOWFALL SN ON GND	6.0 9	-	-	-	-	-	-	-	1.5 7	-	-	-	-	1.0 7	7	1.0 8	-	2.5 10	1.0 11	-	-	-	-	-	1.0 10	-	-	-	-	-	-	8	
WILLISTON WB CITY	SNOWFALL SN ON GND WTR EQUIV	5.9 1	0.1 6	6	T	5	5	4	5	0.9 5	T	5	5	5	0.5 5	0.4 5	1.4 6	0.7 7	2.9 7	2.7 9	0.1 12	1.2 12	1.2 11	1.2 10	1.4 10	T	T	T	10	10	10	10		
WILLOW CITY	SNOWFALL SN ON GND	0.8 66	6.0 11	10	10	10	10	10	10	1.0 11	11	11	11	11	11	1.0 12	0.5 12	T	12	3.0 14	T	T	14	14	1.5 14	1.0 15	T	1.0 16	T	16	16	16	14	

See reference notes following Station Index.

STATION INDEX

NORTH DAKOTA
JANUARY 1954

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Adams 7 S	0022	Walsh	10 48 20	95 06					SP Myron J. Bata	3
Alexander	0096	McKenzie	12 48 58	101 39	2200				SP Arthur J. Hansen	3
Almont 7 SW	0136	Morton	4 46 43	101 39	2030				SP Hogan Rasmussen	2 3 5 7
Amberg	0189	Dickey	12 48 58	103 29	2059				SP Soo Line Agent	2 3 5 7
Amelia	0196	Cass	11 47 00	97 13	860				SP Virgil L. Gokebe	2 3 5 7
Amidon	0208	Slope	1 48 29	103 19	2910				SA Virginia W. Zundel	2 3 5 7 C
Anson	0263	Bottineau	12 48 58	101 39	2300				MID W. H. Wagner	3
Arvilla State Park	0858	Grand Forks	10 47 58	97 30	960				GP Albert Thoren	2 3 5
Ashley	0382	McIntosh	8 46 02	99 22	2025				SS Soo Line Agent	2 3 5 7 C
Balfour	0402	McHenry	12 47 57	100 32	1615				MID Raymond E. Weller	7
Balta	0500	Pierce	11 48 10	100 02	1530				GP F. B. Chidister	3
Bantry	0516	McHenry	12 48 30	100 36	1430				SA Temple H. Roberts	3
Beach	0590	GoldenValley	7 46 55	101 41	2814				6A Helen Tobias	2 3 5 7 C
Beckourt Indian Mes.	0828	Walsh	9 46 50	98 45	1960				SP Turtle Mt. Ind. Ag.	2 3 5 7 C
Bellevue	0839	Stark	4 46 53	103 11	2592				GP Carl Undergaard	2 3 5 7
Berthold	0729	Ward	12 45 19	101 44	2080				GP Joseph S. Cox	3
Beulah	0768	Mercer	6 47 16	101 47	1940				SA Mont. Dak. Util. Co.	3 7 C
Bisbee	0786	Towner	2 48 37	99 22	1600				GP Robert J. Strick	2 3 5 7
Bismarck	0814	Burleigh	46 48 48	100 32	2241				GP Art A. Engler	2 3 5 7 C
Bismarck WB Airport	0839	Burleigh	46 46 46	100 35	1650				MID U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENE	0527	Burleigh	46 46 51	100 33	1709				SP KYN Transmitter	3
Bottineau	0941	Bottineau	12 48 50	100 27	1640				SA M.D. Sch. of Pretry	2 3 5 7
Bowbelle	0961	Burke	12 48 48	102 15	1913				SA Felix L. Adams	2 3 5 7
Bowman Court House	1706	Bowman	4 46 48	101 34	2331				GP O. B. Hook	2 3 5 7 C
Bowman 11 SE	0998	Bowman	5 46 04	103 19	2850				GP Bernard L. Donagala	3
Bowman 30 NW	1001	Slope	7 46 35	103 31	2505				SP John H. Hanson	3
Brakea	1032	Morton	1 46 24	100 56	1720				MID Frank E. Potter	3
Brattle	1124	Stutsman	5 47 04	98 49	1572				MID W. H. Hendrickson	3
Brattle 18 N	1270	Burleigh	46 48 48	100 32	2241				GP Art A. Engler	2 3 5 7 C
Butte	1225	McLean	12 47 50	100 40	1800				6A Earl R. Ward	2 3 5
Cando	1288	Towner	2 48 29	99 12	1481				MID Harry S. Harris	2 3 5 7
Carrollton	1360	Forster	5 47 27	99 08	1579				7A Soo Line Agent	2 3 5 7
Carson	1365	Grant	4 46 25	101 34	2890				MID Vincent Muggli	2 3 5 7 C
Carrollton 2	1370	Grant	4 46 25	101 34	2890				7A Alexander Muggli	2 3 5 7
Cavalier	1435	Pembina	9 48 48	97 38	2300				GP Willie Hansen Pico	2 3 5 7
Center	1456	Oliver	8 47 07	101 18	2100				7P Fred L. Beitz	2 3 5 7
Colgate	1686	Steele	10 47 14	97 39	1180				GP John P. Burchill	3
Columbia	1696	Burke	12 48 54	102 13	1940				GP J. D. Sundell	3
Cooperstown	1706	Griggs	1 46 38	102 09	2241				GP Roland W. Hanson	2 3 5 7
Courtesy	1816	Stutsman	5 47 13	98 34	1523				GP G. H. Hanawalt	3
Crow	1871	Divide	12 48 54	103 18	1954				GP Vernon V. Nichols	2 3 5 7 C
Crowley	2018	Kidder	8 46 52	99 45	1730				MID Ralph W. Wise	2 3 5 7 C
Devils Lake WB City	2131	Ramsey	2 48 07	98 52	1471				MID U.S. Weather Bureau	2 3 5 7 C
Dickinson CAA AP	2153	Stutsman	4 46 48	102 48	2460				GP U.S. Civil Aero Adm.	2 3 5 7 C
Dickinson Exp. Station	2158	Stark	4 46 53	102 48	2460				7A Dickinson Exp. Sta.	2 3 5 7 C
Dredge	2242	Ramsey	12 48 31	103 15	1760				GP Fred E. Feltner	3
Drake	2298	McHenry	12 47 55	100 22	1634				SA Ed. J. Evans	2 3 5 7
Dunn Center	2365	Dunn	5 47 27	102 03	2140				6A Charles C. Neustel	2 3 5 7
Eckman	2472	Bottineau	12 48 39	101 03	1509				7A Soo Line Agent	2 3 5 7
Edgely Exp. Farm	2482	La Moure	5 46 20	98 42	1568				SA N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2 48 25	98 29	1520				GP Mike Davis	2 3 5 7
Elbowood	2570	McLean	8 47 35	102 09	2082				GP W. H. Case	2 3 5 7
Ellendale	2592	Grant	10 46 51	101 48	2430				GP Art A. Engler	2 3 5 7
Ellendale	2605	Dickey	5 46 00	98 31	1460				GP Paul Gress	2 3 5 7
Enderlin	2695	Ransom	11 46 38	97 36	2004				7A Leonard Peterson	2 3 5 7
Epping	2735	Williams	8 48 17	103 21	2224				GP T. Beachler	2 3 5 7
Esmond	2767	Benson	11 48 02	99 46	1650				MID Lyle D. Fering	3
Fairfield	2809	Hillings	7 47 10	102 03	2140				GP John Petrusak	2 3 5 7 C
Fargo WB Airport	2859	Cass	10 46 54	96 48	895				MID U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5 47 39	99 37	1620				GP Emil S. Rust	2 3 5 7
Flasher	3009	Morton	1 46 27	101 14	1930				SA George M. Sinclair	3
Flaxton	3019	Burke	12 48 54	102 13	1940				GP Palmer M. Dunham	3
Forbes 13 NW	3044	Dickey	5 46 48	98 56	1430				GP Theodore A. Wirth	3
Forman	3117	Sargent	10 46 06	97 39	1249				GP Art Waterman	2 3 5 7
Fort Yates	3207	Sioux	8 46 06	100 39	1640				SP Soil Conservation	2 3 5 7 C
Fryberg 1 W	3217	Ward	12 48 27	101 34	1609				SP U.S. Wildlife Ref.	2 3 5 7
Fryberg 1 NE	3277	Billings	4 46 53	103 18	2742				MID Elmer Stibbiller	2 3 5 7
Fulton	3287	Dickson	8 47 10	98 25	1439				GP F. F. F.	2 3 5 7
Gackle	3308	Logan	5 46 38	99 08	1951				GP Alvin Rummel	2 3 5 7
Garrison	3376	McLean	8 47 38	101 25	1911				7A Albert J. Beirle	2 3 5 7
Glen Ullin	3496	Morton	4 46 49	101 49	2090				MID Frederick J. Anhorn	3
Glen Ullin 13 W	3501	Mercer	6 47 00	101 47	2221				GP Christ Schilling	3
Golden Valley 10 S	3509	Mercer	6 47 10	102 03	1970				GP Robert H. Backfisch	3
Gracie City	3583	Yonker	5 47 33	98 48	1425				MID Ida Bonderud	2 3 5 7
Grass Lake	3594	Walsh	10 46 25	97 25	827				SP James Harr	2 3 5 7
Grand Forks CAA AP	3616	Grand Forks	10 47 56	97 05	832				MID U.S. Civil Aero Adm.	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10 47 55	97 05	830				GP University of N.D.	2 3 5 7
Grand Rapids 1 W	3655	La Moure	5 46 20	98 42	1568				GP Albert J. Beirle	2 3 5 7
Grano	3678	Renville	12 48 37	101 35	1625				MID Oswald B. Hjornlie	2 3 5 7
Grassville	3686	McHenry	12 48 16	100 51	1504				7P Fred Rohle	2 3 5 7
Grassy Butte	3698	McKenzie	7 47 44	103 14	2680				MID Sam Charchenko	3
Grassy Butte 10 S	3701	McKenzie	7 47 41	103 14	2687				GP Edsel G. Crist	2 3 5 7
Grassville	3726	McHenry	8 47 37	103 59	2114				10P L. D. Nickerson	2 3 5 7
Baley	3836	Bowman	3 45 58	103 08	2885				MID J. E. Crawford	3
Baldy	3848	Dunn	6 47 21	102 20	2073				GP John Kiese	3
Bankinson R R Station	3908	Richland	10 46 04	96 54	1068				7A Soo Line Agent	2 3 5 7
Bannockburn	3926	Griggs	11 47 18	98 12	1508				MID Helen Benson	2 3 5 7
Bannockburn	3936	Cavalier	8 48 59	98 41	1570				GP U.S. Customs Office	2 3 5 7
Bannockburn	3963	Towner	9 48 57	99 23	1800				7P Charles E. Discher	2 3 5 7
Barney 3 NE	4013	Wells	11 47 45	95 53	1596				GP R. J. Reynolds	3
Baynes 5 NE	4073	Adams	1 48 00	102 22	2550				MID Hazen Evans	3
Baxter 10 W Station	4083	Benson	8 48 29	100 17	1794				MID V. G. Smith	2 3 5 7
Beitinger	4178	Adams	3 46 00	102 38	2680				GP Fred O. Forthun	2 3 5 7
Beitinger 17 S	4186	Adams	1 48 15	102 38	2610				MID O. J. Gerbracht	2 3 5 7
Bellevue	4203	Trall	10 47 24	97 04	901				GP Alfred Janke	2 3 5 7
Burdfield	4343	Wells	5 47 27	98 55	1815				MID Ruth Buchwitz	2 3 5 7 C
Jameson CAA AP	4413	Stutsman	5 46 58	98 41	1492				MID U.S. Civil Aero Adm.	2 3 5 7 C
Jameson St. Hospital	4418	Stutsman	5 46 53	98 41	1457				7P W.D. State Hospital	2 3 5 7
Keene 2 S	4571	McKenzie	8 47 54	102 56	2340				GP Bennett V. Borgst	2 3 5 7
Kenmare	4666	Ward	12 48 46	102 05	1800				SA Theo. E. Eckberg	2 3 5 7
Kenmare Wildlife Refuge	4656	Stutsman	5 47 16	98 52	1440				SP U.S. Wildlife Ref.	2 3 5 7
Killdeer 8 W	4726	Dunn	12 48 26	102 38	2240				GP Leonard J. Davis	3
Kramer 5 SE	4823	Bottineau	12 48 36	100 37	1457				MID Paul A. Wretchehar	2 3 5 7
Kula	4843	La Moure	5 46 18	98 57	1970				GP John Strobel	2 3 5 7
Laurelton Exp. Farm	4858	Cavalier	9 48 45	98 20	1815				SP V. Sturlaugson	2 3 5 7
Lawford	5002	Bottineau	12 48 38	101 22	1600				GP Louis Schaefer	3
Larimore	5015	Grand Forks	10 47 56	97 05	832				SP Bennie Engen	2 3 5 7
Leede	5073	Benson	2 48 17	98 26	1515				GP John Fager	2 3 5 7
Lefor 10 W	5088	Stark	4 46 38	102 21	2545				GP Joseph Link	2 3 5 7
Linton	5210	Benson	6 48 18	100 14	1885				GP Leonard P. Malone	2 3 5 7
Lisbon	5220	Hanson	11 46 26	97 42	1099				SP W.D. Soldiers Home	2 3 5 7
Litchville	5230	Barnes	11 46 39	98 11	1407				GP William H. Hugh	2 3 5 7
Lostwood 12 W	5320	Burke	12 48 33	102 24	2250				GP Lostwood W.L. Ref.	2 3 5 7
Madock Agri. School	5434	Benson	11 47 58	98 30	1604				GP Hanson Cy Agr Sch.	2 3 5 7
Madock Exp. Station	5479	Benson	4 48 48	100 54	1750				SA W.P. Field Sta.	2 3 5 7 C
Madock 7P, Lincoln Park	5484	Morton	8 48 47	100 52	1700				GP Park Supt.	2 3 5 7
Manning	5518	Dunn	6 47 14	102 48	2219				MID Donald Jerferee	2 3 5 7
Marmarth	5573	Elbow	7 46 18	103 55	2214				GP B. P. Grane	2 3 5 7
Marmarth M.D.U. Co.	5575	Elbow	7 46 18	103 55	2214				MID E. H. Jensen	3
Martin	5610	Sheridan	11 47 50	100 07	1610				GP Elroy M. Gesseler	3
Max	5833	McLean	8 47 49	101 17	2093				7A Soo Line Agent	2 3 5 7
Mayville	5860	Trall	10 47 30	97 19	875				GP B. A. Hagas	2 3 5 7
McCluskey	5710	Sheridan	8 47 29	100 28	1943				GP Wm. L. Schiele	2 3 5 7
McGregor R M Station	5720	Williams	8 48 30	102 58	2340				MID L. W. Erickson	2 3 5 7 C
McHenry 5 W	5730	Eddy	11 47 38	98 35	1509				GP J. G. Carlson	2 3 5 7
McLeod 3 W	5754	Wheatland	11 46 24	97 14	1075				GP R. H. Kniefel	3
McMille	5784	Wheatland	10 47 46	98 10	1487				GP Rudolph Graf	3
Medina 1 W	5798	Stutsman	8 46 53	99 19	1795					

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

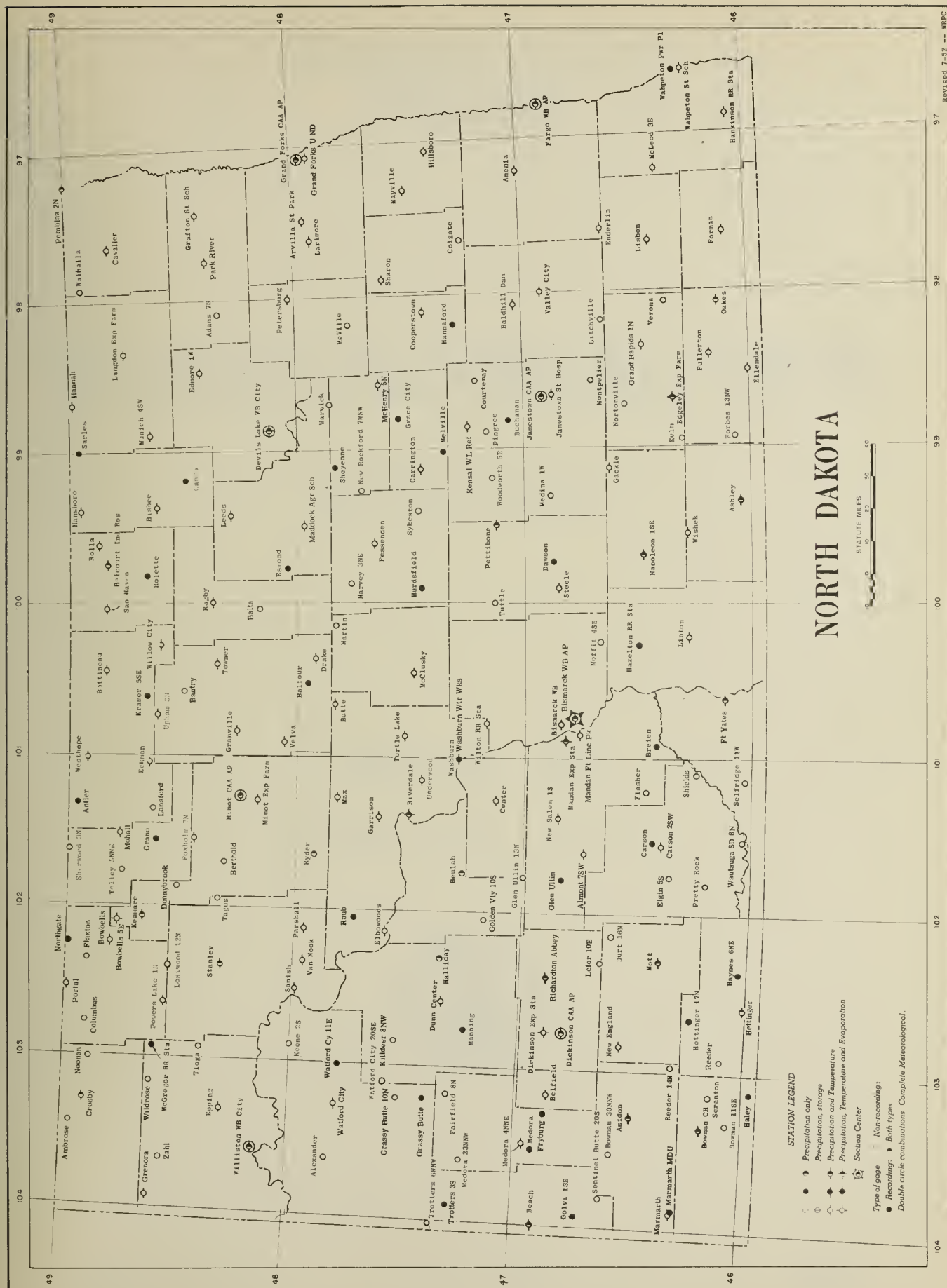
Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- ⊕ Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.
- No record in Tables 3, 5, 7, and the Station Index. No record in Tables 2 and 8 is indicated by no entry.
- + And also on a later date or dates.
- Amount included in following measurement, time distribution unknown.
- W Gage is equipped with a windshield.
- B Adjusted to a full month.
- C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 8 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
- R Daily values and monthly total from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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WRPC, KANSAS CITY, MO., -- 3-23-54 -- 885



NORTH DAKOTA



- STATION LEGEND**
- Precipitation only
 - Precipitation, storage
 - ⊕ Precipitation and Temperature
 - ⊗ Precipitation, Temperature and Evaporation
 - ⊙ Section Center
- Type of gauge
- Non-recording
 - Recording
 - ⊕ Both types
 - ⊗ Double circle combinations Complete Meteorological.

UNNT

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U. S. DEPARTMENT OF COMMERCE [10] 1954
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

NORTH DAKOTA

FEBRUARY 1954

Volume LXIII No. 2



KANSAS CITY: 1954

INT.
HIST.

NORTH DAKOTA - FEBRUARY 1954

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

February was unseasonably warm being the warmest ever recorded. The temperature averaged more than 5 degrees higher than the normal for March making it a spring-like month. It was also a dry month in most sections with much of the precipitation in the form of rain. A large portion of the snow cover disappeared during the month.

The mean temperature for the month was 30.4 degrees which is 19.9 degrees above normal. The previous all time high was 28.0 degrees in 1931. The eastern division averaged 28.4 degrees which is 19.4 degrees above normal; the middle division averaged 30.0 degrees which is 20.0 degrees above normal; and the western division averaged 32.9 degrees which is 20.3 degrees above normal. The highest temperature recorded was 64 degrees at Mandan on the 18th and the lowest temperature was 27 degrees below zero at Willow City on the 12th. The mean temperatures ranged from 37.6 degrees at Fort Yates to 22.8 degrees at Hannah.

Precipitation for the month averaged 0.23 inch which is 0.24 inch below normal. The eastern division averaged 0.14 inch which is 0.41 inch below normal; the middle division averaged 0.14 inch which is 0.30 inch below normal; and the western division averaged 0.43 inch which is just normal. Precipitation ranged from 1.20 inches at Belfield to none at Nortonville. Snowfall ranged from 5 inches at Killdeer to none at a number of stations. The average snowfall for the state was 0.9 inch which is the second lowest ever recorded. Most of the precipitation recorded in the state was in the form of rain.

February was rather unique in that the entire month fell within a 30-day period of almost entirely much above normal temperatures. The warm period began January 31st and ended on March 1st. Only one outbreak of cold weather occurred that covered the state. On the morning of the 11th subzero readings were reported from nearly all sections of the state. However, this cold weather was short-lived and by the 12th mild weather was developing again. Only mild outbreaks of colder weather took place near the Canadian border in the next 2 or 3 days. The rest of the month remained mild. During the course of the month the major portion of the heavy snow cover of January disappeared. Up to 6 inches of snow still remained in some north-central stations at the end of the month with ground entirely covered - but most stations actually reported only drifts. There were no severe storms during the month.

The mild weather was favorable for livestock which came through the month in excellent condition. Yard-feeding was necessary in most sections of the state. In some areas of the south and southwest the ground was dry enough and frost sufficiently out to permit plowing and some isolated cases of early plowing were reported in the closing days of the month. Soil moisture was generally quite favorable over the state because much of the water from melting snow soaked into the ground. Subsoil moisture is generally considered adequate but is deficient in some areas of the central portion.

The ice moved out of the Little Missouri river about the end of the first week without doing any flooding. Some flooding occurred on the Knife river south of Beulah where highway No. 49 was under water for several days. By the end of February the Heart, Knife and Little Missouri rivers were free of ice. The ice on the Missouri was still holding firm at the end of the month in all parts of the state except for some breaking in the extreme south portion of the state.--CJS

SUPPLEMENTAL DATA

NORTH DAKOTA
FEBRUARY 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
BISMARCK W8 AP	WNW	19	10.8	49	NW	22	83	85	65	67	6	3	0	0	0	0	9	61	6.6
DEVILS LAKE W8 CITY	-	-	9.0	26	NW	26	-	-	-	-	5	4	1	0	0	0	10	57	6.4
FARGO W8 AP	SSE	17	15.5	39	SE	22	84	82	77	81	12	3	0	0	0	0	15	64	6.0
WILLISTON W8 CITY	-	-	7.3	26	NW	22	80	83	68	72	6	2	1	0	0	0	9	57	7.4

COMPARATIVE DATA

Table 1

FEBRUARY

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall	
1892	10.0	62	-45	0.58	4.9		1917	-0.7	61	-39	0.66	7.1		1942	14.1	57	-30	0.36	4.8	
1893	-0.3	52	-41	0.58	5.7		1918	10.8	60	-48	0.22	2.3		1943	15.1	62	-32	0.50	8.4	
1894	8.0	55	-54	0.22	2.3		1919	7.7	58	-41	0.62	6.5		1944	11.2	50	-43	0.29	4.3	
1895	5.9	85	-40	0.36	3.6		1920	12.5	53	-40	0.30	3.2		1945	15.1	52	-29	0.36	4.6	
1896	14.3	64	-50	0.41	4.3		1921	19.9	64	-36	0.39	3.8		1946	10.4	60	-40	0.66	8.1	
1897	6.1	52	-29	1.16	11.5		1922	0.7	45	-33	1.19	12.8		1947	8.8	54	-38	0.40	3.5	
1898	13.3	55	-40	0.46	4.5		1923	4.1	48	-39	0.64	7.2		1948	7.0	80	-37	0.99	12.7	
1899	0.4	80	-34	0.20	1.9		1924	20.3	67	-40	0.39	4.2		1949	2.1	57	-40	0.46	8.3	
1900	1.3	46	-48	0.47	4.5		1925	18.5	62	-27	0.29	3.6		1950	8.9	54	-41	0.33	4.4	
1901	7.1	60	-48	0.31	2.9		1926	22.3	58	-39	0.41	3.7		1951	11.4	65	-37	0.80	10.1	
1902	12.1	51	-31	0.98	6.7		1927	13.3	50	-19	0.36	3.1		1952	17.4	51	-31	0.59	7.5	
1903	3.1	48	-33	0.38	3.7		1928	18.8	59	-31	0.11	1.2		1953	18.7	54	-27	0.88	3.2	
1904	-2.1	52	-49	0.69	7.6		1929	2.8	44	-19	0.29	3.3		1954	30.4	64	-27	0.23	0.9	
1905	8.2	64	-42	0.31	2.9		1930	21.7	63	-44	1.18	11.7								
1906	9.8	57	-48	0.16	1.4		1931	28.0	82	-30	0.28	2.9								
1907	10.7	58	-38	0.33	2.8		1932	13.6	69	-31	0.32	4.3								
1908	13.8	82	-49	1.04	10.1		1933	7.9	56	-45	0.28	3.3								
1909	9.8	58	-34	0.34	3.7		1934	19.5	61	-30	0.06	0.7								
1910	3.4	58	-34	0.59	5.6		1935	24.0	63	-25	0.20	1.9								
1911	7.3	55	-50	0.70	8.0		1938	12.9	43	-80	0.70	9.1								
1912	11.8	48	-38	0.15	1.7		1937	8.8	55	-35	0.49	8.8								
1913	8.5	84	-33	0.09	1.0		1938	7.2	60	-35	0.68	8.8								
1914	1.0	57	-44	0.34	3.8		1939	-0.8	51	-46	0.83	9.7								
1915	17.4	50	-47	0.62	6.1		1940	15.0	52	-29	0.81	7.6								
1916	6.4	55	-20	0.48	4.8		1941	12.2	57	-40	0.22	2.8								

"AVERAGES FOR THE PERIOD FROM 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS."

CLIMATOLOGICAL DATA

NORTH DAKOTA
FEBRUARY 1954

TABLE 2

Station	Temperature										Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days			
																		Total	Max. Depth on Ground	Date	18 or More°	50 or More°	100 or More°	
										90° or Above	32° or Below	32° or Below	0° or Below											
EASTERN DIVISION																								
AMENIA	36.8	20.9	28.9	19.8	46	23	6	12	1008	0	5	28	2	0.07	- 0.57	0.01	19+	T	10	1	0	0	0	0
ARVILLA STATE PARK	35.8	18.6	27.2		43	16	16	12	1049	0	5	28	2	0.10	- 0.04	0.04	14+					0	0	0
CARRINGTON	36.8M	18.5M	27.7M	18.8	57	19	10	12		0	5	28	3	0.20	- 0.28	0.10	11+	2.0				2	0	0
CAVALIER	35.5	17.8	26.7	20.6	47	3	11	11+	1069	0	6	27	2	0.45	- 0.06	0.29	15		14	1	1	0	0	0
COOPERSTOWN	38.0	21.3	29.7	21.9	51	17	9	11	982	0	4	28	2	T	- 0.52	T	6+	T				0	0	0
DEVILS LAKE W R CITY	R 33.8	17.8	25.8	17.1	47	17	13	11	1091	0	7	28	2	0.26	- 0.15	0.10	14	1.8	15	1	1	0	0	0
FDGFLEY EXP FARM	42.7	20.8	31.8	19.0	58	18	6	13		0	4	28	3	T	- 0.48	T	14+	T	5	1	0	0	0	0
FORMORE 1 W	34.0	14.9	24.5	19.7	40	4+	21	12	1130	0	5	28	2	0.29	- 0.12	0.22	14		22	1	1	0	0	0
ELLENDALE	45.2	23.6	34.4	21.3	59	17	2	11	851	0	3	26	1	0.06	- 0.43	0.05	22	0.8	4	1+		0	0	0
ENDERLIN	37.0	20.2	28.6		51	18	3	11		0	7	28	2	T		T	14+	0.0				0	0	0
FARGO W8 AIRPORT	R// 34.2	18.7	26.5	15.7	43	18+	8	11+	1075	0	7	28	2	0.03	- 0.63	0.01	13+	0.3	11	1	0	0	0	0
FORMAN	40.0	23.1	31.6	19.7	53	18	4	12	930	0	3	27	2	0.08	- 0.42	0.08	19	T	10	1	0	0	0	0
FULLERTON	43.3	24.1	33.7	21.3	56	18	2	11	869	0	3	26	1	0.04	- 0.67	0.04	22	0.4	6	1	0	0	0	0
GACKLE	41.1	21.8	31.5	21.0	59	17	8	12	933	0	3	28	2	T	- 0.45	T	11+	T				0	0	0
GRAFTON STATE SCHOOL	34.4	16.9	25.7	18.4	43	3	14	12	1095	0	6	28	2	0.40	- 0.17	0.35	15	0.5			1	0	0	0
GRAND FORKS CAA AP	R 33.0	17.4	25.2	17.5	41	18	10	11	1111	0	9	28	2	0.15	- 0.41	0.07	25	1.0	9	1	0	0	0	0
GRAND FORKS UNIV	33.3	19.5	26.4	18.7	41	26	9	12	1075	0	9	27	2	0.14	- 0.42	0.07	26	0.9	18	1	0	0	0	0
GRAND RAPIDS 1 N	42.5	22.1	32.3		56	17	5	12	907	0	3	28	2	0.07	-	0.04	22	T	8	1	0	0	0	0
HANKINSON R R STA	36.9	19.4M	28.2M	14.1	48	19	5	12		0	8	27	2	0.24	- 0.30	0.20	20	T			1	0	0	0
HANNAH	31.8M	13.8M	22.8M	20.2			15	12	1185	0	8		2	0.10	- 0.49	0.06	26	0.7	6	1+		0	0	0
HILLSBORO	35.3	19.0	27.2	17.0	43	9	10	12	1054	0	6	28	2	0.25	- 0.30	0.17	14	2.0			1	0	0	0
JAMESTOWN CAA AP	R// 40.6	21.2	30.9	21.0	58	17	6	11	949	0	4	28	2	0.12	- 0.47	0.06	28	0.9	4	1	0	0	0	0
JAMESTOWN STATE HOSP	40.7	23.0	31.9	22.0	55	17	5	11	921	0	3	28	2	0.05	- 0.54	0.03	13	T			0	0	0	0
KENSAL WILDLIFE REF	41.5	20.3	30.9		60	17	10	11	949	0	3	28	2	0.03	-	0.02	11	0.2	4	1	0	0	0	0
LANGDON EXP FARM	33.3	13.6	23.5	18.7	42	8	19	12	1158	0	7	28	2	0.25	- 0.38	0.13	15	1.2	13	1	1	0	0	0
LARIMORE	35.4	20.1	27.8	20.1	46	17	10	11	1037	0	6	28	2	0.06	- 0.49	0.06	14	0.0			0	0	0	0
LISBON	41.4	22.5	32.0	20.4	52	18+	5	11	919	0	2	27	2	T	- 0.59	T	11+	T			0	0	0	0
MAYVILLE	35.6	20.8	28.2	18.4	44	17	6	11+	1023	0	5	28	2	0.29	- 0.15	0.18	14	1.8	7	1	1	0	0	0
MC HENRY 5 N	35.6	18.8	27.2	21.8	48	18	13	12	1051	0	6	28	2	0.07	- 0.38	0.07	14	T	12	1+		0	0	0
MC LEOD 3 E	39.9M	20.9	30.4M	17.4	51	23	5	12	945	0	4	28	2	0.03	- 0.53	0.03	19	0.1			0	0	0	0
MUNICH 4 SW	32.3	14.4	23.4		39	8+	18	12	1159	0	8	28	3	0.11	-	0.05	15		16	1	0	0	0	0
OAKES	39.1	20.8	30.0	17.1	53	19	3	11+		0	6	27	2	0.10	- 0.36	0.04	11+	0.4	8	1	0	0	0	0
PARK RIVER	36.0	19.0	27.5	19.8	44	17	10	11+	1043	0	5	28	2	0.31	- 0.11	0.18	14	0.3	17	1	2	0	0	0
PEMBINA 2 N	33.8	13.5	23.7	20.9	40	3+	19	12	1154	0	8	28	3	0.44	- 0.18	0.28	14	13	1	2	0	0	0	0
PETERSBURG	34.1	17.2	25.7		46	17	14	11	1095	0	8	28	2	0.24	- 0.26	0.11	15	0.7	16	1	1	0	0	0
SHARON	35.6	20.4	28.0	18.5	50	17	10	11	1028	0	6	28	2	0.01	- 0.47	0.01	17	0.3	12	1	0	0	0	0
VALLEY CITY	41.1	22.3	31.7	20.2	55	17+	5	11	925	0	3	27	2	0.08	- 0.51	0.08	14	T			0	0	0	0
WAHPETON STATE SCHOOL	37.5	19.6	28.6	16.2	45	23	10	12	1013	0	4	28	2	0.35	- 0.12	0.35	19	2.5	17	1	1	0	0	0
DIVISION			28.4	19.4											0.14	- 0.41				0.6				
MIDDLE DIVISION																								
ASHLEY	45.0	22.6	33.8	22.4	60	17	4	11	868	0	2	28	1	0.03	- 0.42	0.03	25	T	4	1	0	0	0	0
RELCOURT INDIAN RES	36.8	14.3M	25.6M		53	8	22	12	1105	0	7	27	3	0.15	-	0.07	22					0	0	0
RISREE	33.9	15.6	24.8	18.3	40	3+	18	12	1119	0	6	28	2	0.15	- 0.21	0.06	22	0.5	17	1+		0	0	0
RISMARCK W8 AIRPORT	43.7	24.0	33.9	21.2	62	18	1	11	866	0	2	27	1	0.12	- 0.31	0.05	13+	0.3	3	1	0	0	0	0
ROTTINEAU	32.3	14.1	23.2	18.3	41	21	18	12		0	7	28	5	0.06	- 0.80	0.04	22	0.6	14	1	0	0	0	0
BUTTE	37.3M	18.6M	28.0M	14.9			10	11		0		28	2	0.26	- 0.27	0.24	14	T	7	1	1	0	0	0
CARSON NO 2	47.2M	24.8M	36.0M	21.5	61	19				0		28		0.43	- 0.05	0.35	25	2.0	2	25		1	0	0
CENTER	44.1	23.0	33.6	21.1	60	18	5	11	878	0	2	25	1	0.47	- 0.05	0.33	14	T			2	0	0	0
DRAKE	36.4	19.7	28.1	17.7	52	19	13	11+		0	6	28	2	0.18	- 0.29	0.11	15	0.0			1	0	0	0
ECKMAN	34.1	13.4	23.8	16.3	44	24	19	11+		0	8	28	5	0.04	- 0.33	0.04	13	0.4	11	1	0	0	0	0
FESSENDEN	37.7	20.9	29.3	19.6	51	18	10	12	990	0	4	27	2	0.13	- 0.39	0.12	12	0.0	12	1	1	0	0	0
FORT YATES	49.6	25.5	37.6	25.0	63	8+	4	11	760	0	1	24	0	0.25	- 0.21	0.21	25	1.0	T	1+		0	0	0
FOXHOLM 7 N	39.9	22.1	31.0	19.0	49	17+	9	11	944	0	3	27	2	0.08	- 0.39	0.04	17+				0	0	0	0
GARRISON	38.8	20.8	29.8	18.7	56	19	6	12		0	5	28	2	0.09	- 0.42	0.09	14	T	8	1	0	0	0	0
GRANVILLE	37.7	19.9	28.8	18.8	49	17	15	11	1007	0	4	28	2	0.13	- 0.30	0.07	12	1.0	16	1	0	0	0	0
HANSBORO	35.9M	18.4M	27.2M	21.1	47	7+	12	11+	1056	0	8	28	2	0.10	- 0.40	0.08	22	1.5	13	1	0	0	0	0
LEEOS	35.2	17.8	26.5		45	17+	17	11	1072	0	6	28	2	0.24	-	0.12	14	1.3			1	0	0	0
LINTON	46.5	22.6	34.6	20.8	60	17+	1	11+	846	0	1	28	0	0.13	- 0.29	0.07	26	0.0			0	0	0	0
MADDOCK AGR SCHOOL	35.7	18.6	27.2	17.0	45	17+	19	11	1055	0	4	28	2	0.17	- 0.23	0.15	14	0.2			1	0	0	0
MANOAN EXP STATION	43.2	23.0	33.1	20.9	62	19	2	11+		0	4	27	2	0.13	- 0.26	0.08	14	0.5	3	1	0	0	0	0
MANDAN ET LINCOLN PARK	48.0	22.6	35.3		64	18	5	11	825	0	1	26	1											

CLIMATOLOGICAL DATA

NORTH DAKOTA
FEBRUARY 1954

TABLE 2 - CONTINUED

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.	Min.	Total	Max. Depth on Ground					Date	.10 or More°	.50 or More	1.00 or More		
																						50° or Above	32° or Below
TOWNER	36.4	19.1	27.8	19.9	44	14+	18	11+	1038	0	5	28	2	0.18	- 0.30	0.10	12	2.0	22	1+	1	0	0
TURTLE LAKE	41.6	22.3	32.0	22.4	57	18	9	11	919	0	2	26	2	0.05	- 0.40	0.05	14	T			0	0	0
UNDERWOOD	39.5	20.2	29.9	15.6	58	19	6	11+		0	6	28	2	0.08	- 0.36	0.04	15	T	15	1	0	0	0
UPHAM 3 N	37.8	14.7	26.3	47	23	19	11+		1081	0	5	28	4	0.07	- 0.33	0.03	12	2.0	16	1+	0	0	0
VELVA	38.4	22.9	30.7	19.3	49	18	9	11	957	0	4	26	2	0.17	- 0.33	0.10	14	0.5	10	1	1	0	0
WASHBURN	44.3	24.3	34.3	23.6	60	18	4	11	855	0	2	25	1	0.12	- 0.27	0.12	14	T	3	1	1	0	0
WESTHOPE	32.9	14.7	23.8	16.1	44	23	18	11	1147	0	8	28	4	T	- 0.32	T	10+				0	0	0
WILLOW CITY	34.2	13.3	23.8	18.7	45	18	27	12	1153	0	7	28	4	0.26	- 0.28	0.18	12	4.0	12	1+	1	0	0
WILTON RR STATION	39.0	21.8	30.4	20.1	55	24	7	11		0	6	28	2	0.11	- 0.28	0.07	14	T			0	0	0
WISHEK	43.6	19.1	31.4	21.2	58	17+	7	11	934	0	3	28	2	0.02	- 0.40	0.01	14+	0.0			0	0	0
DIVISION			30.0	20.0										0.14	- 0.30			0.6					
WESTERN DIVISION																							
ALMONT 7 SW	45.3	25.9	35.6		61	18	2	11	817	0	3	24	1	0.59	- 0.11	0.29	24	4.0	3	25	3	0	0
AMIDON	44.9	24.0	34.5	18.3	59	9	2	11+		0	2	27	0	0.36	- 0.11	0.20	25	1.5	3	1+	1	0	0
REACH	45.0	24.0	34.5	18.5	59	9	1	11		0	2	27	2	0.52	- 0.12	0.19	22		1	25	3	0	0
RELFIELD	46.0	24.7	35.4	20.0	60	8	1	11	822	0	2	26	1	1.20	- 0.75	0.46	14				5	0	0
ROWRELLS	36.5	18.7	27.6	19.9	48	19	10	11+		0	6	28	3	0.26	- 0.16	0.17	22	1.0	9	1	1	0	0
ROWMAN COURT HOUSE	47.4	24.8	36.1	18.7	59	8	2	11	802	0	1	26	0	0.31	- 0.13	0.18	25				2	0	0
CROSBY	35.3	20.9	28.1	18.6	44	23+	9	11	1026	0	4	27	3					T	9	1			
DICKINSON CAA AP	44.4	25.2	34.8	22.0	59	8	1	11	838	0	2	26	0	0.64	- 0.21	0.28	24	2.0	2	25	3	0	0
DICKINSON EXP STA	45.5	23.8	34.7	21.9	60	9	1	12		0	2	28	0	0.86	- 0.43	0.36	25		4	25	3	0	0
DUNN CENTER	43.6	21.3	32.5	18.4	57	9+	3	12		0	3	28	2	0.47	- 0.01	0.32	25	2.0	7	1	2	0	0
ELBROWOODS	45.1M	22.1M	33.6M	21.5	58	18	4	11	853	0	1	28	2	0.08	- 0.31	0.07	14	0.0	1	1+	0	0	0
EPPING	40.6	21.6	31.1	21.7	52	17	7	11	943	0	3	27	1	0.25	- 0.15	0.15	14	0.0			2	0	0
GRENORA	41.8	20.8M	31.3M	22.3	50	23	8	11	942	0	2	28		0.40	- 0.05	0.25	22	0.0	6	1+	2	0	0
HETTINGER	47.7	25.2	36.5	20.0	61	8+	0	11	792	0	2	25	1	0.34	- 0.09	0.29	25	3.0	2	25	1	0	0
KENMARE	38.0	21.5	29.8	21.6	48	18+	8	12		0	5	25	2	0.15	- 0.24	0.13	22				1	0	0
LOSTWOOD 12 N	36.8M	18.5M	27.7M				15	11	1043	0	4	3	3	0.25	- 0.20	0.20	22	0.9			1	0	0
MARMARTH	47.4	26.9	37.2	20.0	59	8	5	11	773	0	1	23	0	1.02	- 0.61	0.62	10	2.6			3	0	0
MEDORA 4 NNE	48.2	25.1	36.7		61	8	4	11	788	0	1	27	0	0.58	- 0.16	0.16	22		1	1+	3	0	0
MOTT	47.7	22.5	35.1	21.0	61	8	1	11	832	0	1	28	0	0.37	- 0.11	0.18	25	2.5	1	1	2	0	0
NEW ENGLAND	45.8	24.7	35.3	20.8	60	8	1	11	826	0	2	26	0	0.49	- 0.00	0.16	25	2.8			4	0	0
NEWTOWN	41.2	22.8	32.0	23.4	55	17	4	11	919	0	2	28	2	0.25	- 0.20	0.10	22	2.0	6	1	1	0	0
PARSHALL	40.0	20.6	30.3	21.6	55	17	7	11	963	0	3	27	2	0.18	- 0.21	0.09	22	0.7	9	1	0	0	0
PORTAL	36.3M	18.7	27.5M	21.3	47	18+	10	11		0	2	28	3	0.15	- 0.23	0.15	22	T	12	1	1	0	0
POWERS LAKE 1 N	36.7M	17.7M	27.2M	15.4	46	17	14	11	1056	0	4	28	3	0.17	- 0.28	0.17	22	T	6	1	1	0	0
RICHARDTON ABBEY	46.0	25.6M	35.8M	21.1	59	8	1	11	814	0	2	24	1	0.80	- 0.39	0.40	24	4.1	3	24+	4	0	0
STANLEY	38.3	20.3	29.3		50	17	10	11	994	0	3	28	2	0.24	- 0.17	0.18	22		9	1+	1	0	0
WATFORD CITY	43.4	24.7	34.1	20.4	56	17	3	11	857	0	2	26	1	0.50	- 0.07	0.35	24	4.5	7	1	1	0	0
WATFORD CITY 14 S	46.6M	25.1M	35.9M		58	17	2	11	810	0	2	25	1	0.43	- 0.23	0.23	24	T	4	1	2	0	0
WILLISTON WA CITY	41.1	24.4	32.8	19.3	56	17	3	11	896	0	3	25	1	0.27	- 0.19	0.15	24	0.9	9	1	1	0	0
DIVISION	34.9	20.3												0.43	- 0.00			1.5					
STATE	30.4	19.9												0.23	- 0.24			0.9					

See reference notes following Station Index.

NORTH DAKOTA
FEBRUARY 1954

Table 3

Station	Total	Day of month																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
ADAMS 7 S	.47										T		.08		.15	.12							T													
ALEXANDER	.52												.06		.10							T														
ALMONT 7 SW	.59										T																									
AMBROSE	.21																																			
AMENIA	.02																																			
AMIOON	.36											T				.03	.05																			
ARVILLA STATE PARK	.10															.04	T																			
ASHLEY	.03												.02																							
BALTA	.33										.04		.16																							
BANTRY	T								T							.03	T																			
BEACH	.52						.06					T				.11	T																			
BELCOURT INDIAN RES	.15										.03		.05																							
BELFIELD	1.20						T				T					.46	.07					T														
BERTHOLO	.13											T		.04																						
BEULAH	.30														.08																					
SISBEE	.15												.05			.04																				
BISMARCK WB AIRPORT	.12	R//									T	T	T		.05	T																				
BISMARCK 12 ENE	.18														.02	.15																				
BOTTINEAU	.06						T	T					T		.02	T																				
BOWBELLS	.26										T	T	T		.09																					
BOWMAN COURT HOUSE	.31						T				.03					.10																				
BOWMAN 11 SE	.41						.01				.04					.01	.12																			
BOWMAN 30 NNW	.39						T									.05																				
BURT 16 N	.59														.10	.08																				
BUTTE	.26												T			.24																				
CARRINGTON	.20	T											.10																							
CARSON NO 2	.43												T		T	T	.02																			
CAVALIER	.45											T	T	.07		T	.29	T																		
CENTER	.47															.33																				
COLGATE	.10											T				.10																				
COLUMBUS	.20												.03				.03																			
COOPERSTOWN	T						T				T		T		T																					
COURTNEY	.05										T		T		.05	T																				
CROSSBY	.26										T		T		.01	T																				
DEVILS LAKE WB CITY	R	.26					T	T			T		.07		.01	.10																				
DICKINSON CAA AP	.64	R//									T	T	T		.11	.03	T																			
DICKINSON EXP STA	.86											T		T		.25																				
DOONNYBROOK	.14														T	.02																				
DRAKE	.18														.04		.11																			
DUNN CENTER	.47											T	T		T	.13																				
ECKMAN	.04												T	T		.04																				
EDGELEY EXP FARM	T															.22																				
EDMORE 1 W	.29														.02	.07																				
ELBOMOODS	.08																																			
ELGIN 5 S	.27										T	T	T		T																					
ELLENDALE	.06												T	T																						
ENDERLIN	T															.15																				
EPPING	.25															.16																				
FAIRFIELD	.61										T	T	T			.15																				
FARGO WB AIRPORT	R//	.03		T				T							.01	T	T																			
FESSENOEN	.13												.01	.12																						
FLASHER	.39														.05	T	T																			
FLATON	.31										T	T	T			T	T																			
FORBES 13 NW	T		T																																	
FORMAN	.08																																			
FORT YATES	.25												T	T	T																					
FOXHOLM 7 N	.08														.04																					
FULLERTON	.04															T																				
GACKLE	T												T	T	T	T																				
GARRISON	.09												T	T	T	.09	T																			
GLEN ULLIN 13 N	.39														.02	.15																				
GOLDEN VALLEY 10 S	.50										T	T	T		.15		.35																			
GRAPTON STATE SCHOOL	.10												T																							
GRAND FORKS CAA AP	.15			T	T			T					.03	T	.02																					
GRAND FORKS UNIV	.14							T					.05	T																						
GRAND RAPIDS 1 N	.07						T						T	T		.03																				
GRANDVILLE	.13										T	T	.07																							
GRASSY BUTTE 10 N	.72												T			.29		.03																		
GRENORA	.40															.10																				
HALLIOAY	.26																																			
HANKINSON M R STA	.24													T																						
HANNAH	.10													T	T	T																				
HANSBORO	.10														.02																					
HARVEY 3 NE	-																																			
HETTINGER	.34																																			
HILLSBORO	.25																																			

DAILY PRECIPITATION

NORTH DAKOTA
FEBRUARY 1954

Table 3—Continued

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NEW ROCKFORD 7 WNW	.15										T	T										.15												
NEW SALEM 1 S	.37										T	T	T	.02	.10								.06			.15	T		.04					
NEWTOWN	.25												.07		.02								.10											
NOONAN	.17												.03										.14		.04									
NORTONVILLE	.00																																	
OAKES	.10							T					.04	T							.02			.04				T						
PARK RIVER	.31													T		.18	.10						T					.03	T					
PARSHALL	.18										T		.07		.02								.09											
PEMBINA 2 N	.44										T		.02		.02								.04					.10						
PETERSBURG	.24												.05		.06	.11							T					.02						
PETTIBONE	.05															.03							T										.02	
PINGREE	.10						T				T				.10																			
PORTAL	.15										T	T	T	T	T	T							.15											
POWERS LAKE 1 N	.17										T	T	T										.17						T	T				
PRETTY ROCK	.18										T	T	T	T	.02	T						T												
REEDER	.30										T																							
REEDER 14 N	.10																										.30							
RICHARDTON ABBEY	.80										T	T	T	T	.18	.01							.02					.05	T					
RIVERDALE	.12										T	T	T	.02	.06	T							.10	.40				.11						
ROLLA	.16										T	T	.10										.03				.01	T						
RUGBY	.21												.02			.13	.01						.04										.01	
RYDER	.20												T		.05	.10							.05											
SAN HAVEN	.06										T			.04	T								.02											
SCRANTON	.46					.08					T					.05							T			.02		.31	T					
SELFDRIDGE 11 W	.50												T												.50									
SENTINEL BUTTE 20 S	.58															.17											.17		.14					
SHARON	.01						T						.01		T	T																		
SHERWOOD 3 N	.18										T		.02											.13									.03	
SHIELDS	.24																																	
STANLEY	.24												.06												.14	.10								
STEELE	T										T	T	T																					
SYKESTON	T										T	T	T																					
TAGUS	.25												.09	.04																				
TIOGA	.30																																	
TOLLEY 5 NNE	.20												T	.03	T																		.05	
TOWNER	.18												.10																					
TROTTERS 6 WNW	.64										T		.03		.28																			
TURTLE LAKE	.05										T		T		.05																			
TUTTLE	.02	T	T								T	T	T	.02	T																			
UNDERWOOD	.08												T		.02	.02	.04																	
UPHAM 3 N	.07										T		.03	.02																				
VALLEY CITY	.08														.08																			
VELVA	.17										T		.05		.10																			
VERONA	T																																	
WAMPETON STATE SCHOOL	.35										T	T																						
WALHALLA	.35												.35																					
WARWICK	.10						T	T							.10																			
WASHBURN	.12										T		T		.12																			
WATAUGA 5 DAK 8 N	.18																																	
WATFORD CITY	.50												.08		.07																			
WATFORD CITY 14 S	.43												T	T	T	.15																		
WESTHOPE	T												T																					
WILOROSE	.27												T																					
WILLISTON W8 CITY	R//												.08	T		T																		
WILLOW CITY	.26												.18																					
WILTON RR STATION	.11												T		T	.07																		
WISHEK	.02														.01																			
WOODWORTH 5 E	T										T	T																						
ZAHL	.31												.07		T	T								.20		.02								

DAILY TEMPERATURES

NORTH DAKOTA
FEBRUARY 1954

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 75W	MAX	43	45	49	50	45	43	55	60	45	30	20	32	50	50	39	55	59	61	41	55	49	44	55	45	36	39	37	37				45.3
	MIN	28	33	31	32	25	25	30	36	27	19	- 2	7	30	32	21	25	32	35	21	20	18	33	32	32	30	30	75	19				25.9
AMENIA	MAX	40	38	40	39	36	30	41	42	43	36	20	16	37	37	36	38	40	40	39	41	35	30	46	41	34	45	39	35				36.8
	MIN	22	30	17	31	20	10	25	30	23	19	- 5	- 6	15	28	17	14	22	27	28	17	17	23	26	31	26	30	27	20				20.9
AMIOON	MAX	44	42	45	48	52	44	51	54	59	41	23	12	47	48	43	46	53	55	55	45	48	50	45	52	41	42	37	36				44.9
	MIN	24	28	31	30	30	27	26	29	31	20	2	2	8	31	25	25	31	34	22	20	25	28	24	28	27	27	20	18				24.0
ARVILLA STATE PARK	MAX	37	36	41	39	34	31	40	38	38	35	16	9	30	41	37	43	39	42	39	41	36	34	39	39	38	42	37	31				35.8
	MIN	28	27	16	31	17	5	23	28	24	15	- 9	-16	7	20	12	17	26	28	26	8	21	25	26	30	21	29	26	10				18.6
ASHLEY	MAX	40	40	46	42	40	31	47	54	51	40	24	34	59	53	37	54	60	58	52	52	43	42	55	48	37	43	39	40				45.0
	MIN	25	27	26	28	25	21	22	31	25	22	- 4	2	21	29	21	22	23	31	27	12	21	28	25	32	26	29	20	15				22.6
BEACH	MAX	44	41	44	46	50	44	48	52	59	43	25	15	44	47	49	48	52	55	55	38	50	50	47	53	43	42	38	39				45.0
	MIN	26	26	28	31	29	29	28	33	30	24	- 1	0	14	30	24	24	24	26	25	22	20	30	25	26	29	29	22	19				24.0
BELCOURT INOIAN RES	MAX	42	39	51	44	43	30	50	53	40	35	21	4	22	39	36	35	43	40	40	45	32	34	39	42	32	35	33	31				36.8
	MIN	27	29		38	11	15	19	17	20	14	-18	-22	3	12	- 2	7	10	27	18	11	11	24	15	28	25	26	11	10				14.3
BELFIELO	MAX	39	41	48	56	44	48	56	60	48	32	18	35	48	47	47	53	57	57	40	51	51	47	57	49	41	39	38	40				46.0
	MIN	30	31	33	29	29	25	29	33	29	17	- 1	7	29	27	29	27	22	31	31	22	17	22	22	27	27	27	24	17				24.7
BISBEE	MAX	33	37	40	40	34	30	36	40	36	32	17	6	74	37	36	38	40	40	38	38	35	34	39	35	34	34	34	32				33.9
	MIN	22	20	17	21	18	11	21	20	19	15	-15	-18	6	17	2	8	20	20	22	20	14	26	20	24	27	27	19	15				15.6
BISMARCK WB AIRPORT	MAX	39	42	47	47	35	38	51	57	45	31	16	33	44	45	35	55	59	62	38	53	47	43	55	44	40	43	40	40				43.7
	MIN	29	32	27	30	27	23	23	29	25	16	- 1	9	21	29	19	26	23	35	19	17	23	32	28	32	30	28	24	18				24.0
BOTTINEAU	MAX	34	35	38	37	36	35	30	39	37	35	23	0	14	27	35	24	35	36	37	29	41	33	34	42	36	33	35	34				32.3
	MIN	13	18	20	20	19	22	17	20	20	15	-15	-18	- 2	14	- 1	0	17	19	20	14	12	22	18	22	29	25	21	13				14.1
BOWBELLS	MAX	38	38	37	40	45	30	39	44	45	37	23	7	13	41	30	28	45	47	48	35	40	38	46	37	39	37	38	38				36.5
	MIN	29	29	30	27	22	20	21	28	27	14	-10	-10	0	12	2	2	25	26	18	15	25	27	28	30	29	24	17	17				18.7
BOWMAN COURT HOUSE	MAX	42	46	49	52	49	47	54	59	55	47	22	34	47	46	48	55	56	55	43	50	50	51	55	49	42	44	37	42				47.4
	MIN	20	30	30	31	30	30	29	36	29	20	2	8	25	29	22	26	25	30	23	19	18	34	24	31	25	29	21	17				24.8
BUTTE	MAX	40	37	37		41	30	44	45	40	24	7	20	40	41	29	43	48	50	30			48	37	49	39	38						37.3
	MIN	32	24	27		24	23	21	30		19	-10	- 9	3	15	9	7	25	22	24	12		17	28	27	30	27						18.6
CARRINGTON	MAX	38	38	35	40	37	30		41	43	40	24	4	16		42	31	45	52	57				35	50	36	39						36.8
	MIN	- 5	29	23	28	25	15		28	26	19	-11	-10	2			12	27	29	27				26	27	29	24						18.5
CARSON NO 2	MAX	43	43	45	50	51		55	60		45	25		40	45	50	45	55	58	61		35	51	45	51	45	38	39	37				47.2
	MIN	20	30	31	32	23	30	29	28	29	22	1		15	18	22	20	25	28	30		27	25	28	32	29	28	25	18				24.8
CAVALIER	MAX	42	38	47	43	36	26	45	41	41	35	14	6	25	38	35	38	42	39	37	40	37	32	37	37	36	40	37	29				35.5
	MIN	17	26	11	33	13	13	21	30	21	13	-11	-11	6	12	8	16	23	28	25	14	20	24	27	29	22	32	24	13				17.8
CENTER	MAX	39	40	45	49	40	40	50	54	47	36	23	29	50	44	39	53	57	60	41	51	47	42	53	51	39	41	38	36				44.1
	MIN	27	30	25	29	28	25	24	30	22	20	- 5	2	4	28	15	28	25	33	21	19	21	33	25	33	29	29	28	16				23.0
COOPERSTOWN	MAX	38	37	39	38	35	29	39	43	39	35	20	14	36	41	35	45	51	49	42	43	40	31	49	45	39	40	38	35				38.0
	MIN	23	28	19	26	20	13	23	26	26	18	- 9	- 6	12	31	14	21	27	30	27	15	20	25	27	30	29	31	25	26				21.3
CROSBY	MAX	37	37	38	40	35	31	35	37	37	32	12	16	33	34	33	34	41	40	39	35	40	39	44	44	37	37	34	36				35.3
	MIN	29	30	29	25	28	23	23	27	27	12	- 9	0	10	18	- 1	17	22	28	18	24	19	33	24	32	27	28	21	19				20.9
DEVILS LAKE W B CITY	MAX	35	34	38	35	28	29	38	37	35	25	2	13	28	39	23	43	47	46	36	42	37	33	44	37	37	37	34	34				33.8
	MIN	25	20	16	24	12	12	22	23	22	2	-13	-12	12	23	6	18	27	30	19	14	18	26	23	30	30	29	25	16				17.8
DICKINSON CAA AP	MAX	42	45	47	53	42	46	53	59	43	25	13	38	50	44	45	53	56	56	38	51	50	47	53	40	41	37	36	41				44.4
	MIN	27	30	33	30	30	29	32	35	23	10	1	9	32	29	25	28	27	32	20	23	19	30	27	29	29	25	22	20				25.2
DICKINSON EXP STATION	MAX	44	43	46	48	54	43	48	53	60	44	23	14	45	50	45	47	55	57	57	37	52	53	47	53	40	40	37	38				45.5
	MIN	25	26																														

Table 5-Continued

DAILY TEMPERATURES

NORTH DAKOTA
FEBRUARY 1954

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
GARRISON	MAX	40	37	37	41	44	30	38	43	47	39	21	9	24	41	39	29	50	54	56	33	43	44	39	51	39	38	41	38				38.6	
	MIN	17	27	28	28	26	23	22	26	27	21	-5	-6	8	19	11	11	26	28	26	21	21	21	28	27	31	29	23	19				20.8	
GRAFTON STATE SCHOOL	MAX	40	38	43	40	36	28	40	38	40	37	17	7	27	36	34	36	38	39	38	33	35	32	36	37	35	39	37	27				34.4	
	MIN	15	28	10	30	15	6	20	25	18	10	-10	-14	6	15	10	13	24	26	26	11	20	22	26	29	24	30	25	14				16.9	
GRAND FORKS CAA AP	MAX	35	35	38	37	29	27	39	36	38	29	2	15	29	37	30	36	39	41	38	37	35	30	40	35	37	40	33	26				33.0	
	MIN	27	14	14	28	13	7	23	24	24	1	-10	-9	15	22	11	15	25	26	19	13	21	22	26	26	23	30	21	15				17.4	
GRAND FORKS UNIVERSITY	MAX	36	36	39	38	30	26	38	38	40	29	13	10	30	36	35	36	37	40	39	35	29	30	38	35	35	41	35	29				33.3	
	MIN	21	26	15	30	14	10	24	17	25	13	-8	-9	10	28	14	16	26	26	25	16	22	22	28	30	24	35	28	17				19.5	
GRAND RAPIDS 1N	MAX	45	38	45	42	38	32	47	49	51	37	24	28	43	43	34	49	56	54	45	49	42	37	54	45	39	46	41	40				42.5	
	MIN	29	31	20	30	25	17	13	27	24	24	-4	-5	17	29	21	20	21	27	29	15	24	27	27	30	26	31	24	19				22.1	
GRANVILLE	MAX	37	38	40	40	34	30	44	47	38	35	20	12	23	40	38	43	49	46	41	44	42	36	47	41	36	39	39	37				37.7	
	MIN	27	30	27	27	18	20	21	25	24	16	-15	-12	10	19	3	19	24	23	21	15	23	32	26	31	30	29	25	19				19.9	
GRENORA	MAX	39	37	38	42	40	41	47	44	43	35	22	30	42	44	44	46	48	48	46	38	47	47	50	48	38	38	47	40				41.8	
	MIN	18	23	24	26	23	21	30	26	26	11	-8	-2	8	23		24	28	30	18	27	19	21	28	32	24	23	20	18				20.8	
HANKINSON R R STATION	MAX	37	40	40	41	40	30	32	40	42	45	30	2	25	42	42	30	43	47	48	36	36	32	32	40	38	35	45	43				36.9	
	MIN	26	19	20	26	13		12	16	24	26	-2	-5	1	18	18	17	20	27	34	20	19	20	26	30	26	25	26	23				19.4	
HANNAH	MAX	36	34		41	34	29	41			23	8	5	22	38	20	37	41	41				40	35	31	37	37	34	35	33	31			31.8
	MIN	22	22	14	13	11		21			8	-14	-15	4	12	1	13	19	21				14	14	25	16	27	28	27	19	9			13.8
HANSBORO	MAX	42	40	44	39	36	29	47	42	40	32	14	6	38	22		37	47	42				47	37	32	43	40	35	37	34	32			35.9
	MIN	32	27	19	30	17	15	23			13	-12	-12				13	24	29				15	15	27	18	29	29	22	15			18.4	
HETTINGER	MAX	44	47	51	54	43	55	56	61	48	30	23	36	55	54	45	55	57	61	44	52	52	49	56	47	40	42	36	43				47.7	
	MIN	27	29	32	29	31	29	29	34	29	22	0	7	31	30	27	22	25	34	22	20	26	34	23	29	25	25	18	17				25.2	
HILLSBORO	MAX	38	40	40	40	36	27	38	40	43	39	17	12	31	36	29	36	38	39	39	39	35	33	40	38	34	44	39	27				35.3	
	MIN	18	28	15	31	19	7	21	24	23	17	-8	-10	10	29	14	12	21	25	28	15	22	21	26	29	24	29	24	17				19.0	
JAMESTOWN CAA AP	MAX	39	38	42	43	33	29	44	49	46	30	12	21	45	42	33	52	58	54	38	49	42	35	53	43	41	45	40	40				40.6	
	MIN	26	25	24	32	18	18	22	27	27	12	-6	0	16	31	19	20	22	30	18	14	22	27	25	28	28	29	24	16				21.2	
JAMESTOWN STATE HOSP	MAX	38	37	42	41	35	30	43	46	44	34	22	22	45	41	35	52	55	54	41	49	43	35	52	42	41	44	38	29				40.7	
	MIN	27	29	25	31	23	19	23	29	27	22	-5	-2	17	32	18	21	24	32	27	15	24	26	26	32	29	30	34	20				23.0	
KENMARE	MAX	39	39	38	44	45	30	40	45	46	37	25	9	15	42	42	29	44	48	48	34	45	41	37	47	38	39	39	38				38.0	
	MIN	30	30	33	32	25	24	23	34	33	17	-7	-8	5	12	4	4	25	32	21	21	19	29	30	29	31	30	25	18				21.5	
KENSAL WILDLIFE REFUGE	MAX	39	36	42	40	37	29	45	48	45	35	21	18	39	42	36	51	60	54	45	52	41	40	55	44	42	46	40	39				41.5	
	MIN	26	26	21	29	23	13	19	30	24	19	-10	-9	16	28	14	18	20	28	27	10	20	27	21	31	29	30	23	14				20.3	
LANGOON EXP FARM	MAX	36	38	40	38	34	30	38	42	38	30	15	2	22	38	35	36	38	39	38	37	34	30	38	35	34	34	33	31				33.3	
	MIN	16	20	12	22	9	10	20	20	16	7	-18	-19	2	14	2	13	21	31	22	11	10	23	21	24	27	23	17	6				13.6	
LARIMORE	MAX	36	37	41	39	34	30	38	40	40	33	14	9	31	39	36	43	46	40	38	42	35	31	39	39	37	40	35	29				35.4	
	MIN	26	26	11	29	16	12	23	28	25	14	-10	-6	8	23	13	19	28	30	26	13	20	23	26	31	27	31	25	26				20.1	
LEEOS	MAX	35	35	37	35	31	30	38	41	35	32	20	8	25	39	35	40	45	45	40	41	38	35	42	40	36	37	35	35				35.2	
	MIN	25	27	17	23	20	7	22	23	19	17	-17	-15	8	19	3	17	28	28	24	12	18	28	24	27	30	28	22	15				17.8	
LINTON	MAX	46	50	50	46	42	34	52	59	46	36	26	36	51	51	41	53	60	60	48	55	46	44	58	49	40	43	40	41				46.5	
	MIN	18	22	27	28	26	29	22	24	22	24	1	1	21	28	20	23	22	32	27	12	24	30	24	32	30	28	22	14				22.6	
LISBON	MAX	37	37	39	39	39	36	45	46	46	46	25	21	37	44	41	47	51	52	52	42	42	37	52	52	33	45	45	38				41.4	
	MIN	25	30	20	31	31	10	25	31	21	24	-5	-4	16	31	21	18	21	35	29	18	23	22	34	31	27	30	29	16				22.5	
LOSTWOOD 12N	MAX				36	39		39	44	37	31	14	14	36	41	28	42	44	45	39	44	40	38	45	41	35	37	37	36				36.8	
	MIN				24																													

Table 5-Continued

DAILY TEMPERATURES

NORTH DAKOTA
FEBRUARY 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX	44	47	49	49	44	48	55	60	50	32	22	35	50	45	47	55	57	51	42	51	50	48	54	42	38	41	37	40				45.8
	MIN	25	29	30	29	31	27	26	34	26	20	1	9	31	27	25	23	20	31	25	20	18	34	25	32	27	28	21	17				24.7
NEW SALEM 1 S	MAX	39	43	47	48	39	42	53	57	44	31	15	31	52	45	37	53	58	61	40	54	48	43	53	55	43	37	40	37				44.5
	MIN	24	30	32	31	27	25	30	33	31	15	2	6	27	31	18	26	31	36	22	18	27	33	29	28	32	28	28	23				25.8
NEWTOWN	MAX	37	38	41	45	40	39	42	47	44	36	18	20	33	45	39	51	55	51	43	47	47	42	50	48	37	40	37	42				41.7
	MIN	25	28	27	27	30	24	23	30	27	18	-4	0	16	29	8	23	22	31	23	23	20	30	27	32	31	28	22	17				22.8
OAKES	MAX	37	40	39	44	40	32	37	41	47	49	28	6	30	41	45	29	45	50	53	34	45	39	35	52	43	36	45	39				39.1
	MIN	7	29	18	21	26	13	21	28	24	24	-3	-3	5	25	24	20	21	24	33	18	19	28	29	28	28	26	25	22				20.8
PARK RIVER	MAX	37	39	42	42	42	30	40	39	39	37	17	6	25	40	35	42	44	40	38	40	40	31	38	39	36	39	37	33				36.0
	MIN	23	28	14	32	17	11	23	26	22	13	-10	-10	6	17	10	12	27	28	28	15	20	25	27	30	28	30	25	14				19.0
PARSHALL	MAX	36	36	40	46	36	39	40	46	42	33	17	21	38	43	32	50	55	50	38	47	45	41	49	45	37	40	39	40				40.0
	MIN	22	25	21	25	24	20	19	28	25	16	-7	0	15	24	6	23	21	33	22	22	20	23	25	31	31	27	21	16				20.6
PEMBINA 2N	MAX	36	36	40	39	37	26	38	38	37	37	14	2	25	35	35	40	40	39	39	32	32	31	35	37	37	38	38	32				33.8
	MIN	12	24	5	26	9	6	22	24	21	6	-14	-19	-9	10	5	9	25	24	30	3	6	25	26	25	14	30	24	8				13.5
PETERSBURG	MAX	34	35	37	36	31	32	36	34	36	31	12	7	29	39	35	40	46	41	37	40	33	32	41	40	35	36	32	37				34.1
	MIN	23	22	17	21	13	10	19	22	21	12	-14	-13	5	20	8	19	29	30	25	12	16	23	25	27	27	28	22	12				17.2
PETTIBONE	MAX	36	36	38	36	35	27	39	45	39	34	21	24	37	41	36	44	54	54	42	45	40	37	50	43	38	40	31	40				38.6
	MIN	21	25	19	22	22	16	21	24	21	18	-12	-9	12	30	12	23	25	32	23	13	20	20	23	32	28	27	22	21				19.7
PORTAL	MAX	37	41	35	40	44	29		40	44	36	22	7	12	40	37	30	44	47	45	35	44	42	39	47	36	37	37	33				36.3
	MIN	25	28	21	24	23	19	20	29	27	16	-10	-9	5	10	-1	5	27	29	17	17	20	23	28	31	30	27	23	19				18.7
POWERS LAKE 1N	MAX	35	37	40		35	39	40	40	33	22	12	15	35	41	27	41	46	45	45	41	40	45	42	45	36	38	36	39				36.7
	MIN	20			20	20	13	20	20	22	12	-14	-3	12	15	0	19	21	28	17	21	20	25	32	30	31	26	20	14				17.7
RICHAROTON ABBEY	MAX	42	46	49	53	49	45	54	59	49	34	22	32	50	48	42	54	58	56	46	52	50	46	54	49	35	39	36	39				46.0
	MIN	26	32	32	33	32	29	30	34	31	20	-1	6	30	20		25	29	33	24	20	19	34	28	31	29	26	21	18				25.6
RIVERDALE	MAX	41	38	39	44	46	29	38	47	50	40	25	8	25	44	41	30	51	56	54	32	48	45	39	51	40	41	41	37				40.0
	MIN	21	29	29	31	26	25	25	30	27	19	-5	-6	7	20	11	11	27	31	27	21	22	24	23	31	30	30	24	18				21.7
ROLLA	MAX	42	37	51	45	40	29	49	42	42	32	10	5	23	38	32	35	43	40	37	45	38	34	40	42	32	36	33	31				35.8
	MIN	29	23	19	32	18	17	21	25	24	9	-12	-14	4	14	0	13	19	27	16	11	16	26	19	28	25	28	19	18				16.9
RUGBY	MAX	38	35	40	38	36	30	38	38	36	34	22	12	24	39	37	39	41	44	43	43	38	36	41	39	35	35	36	34				35.8
	MIN	24	26	23	25	27	20	23	22	19	13	-14	-16	-10	20	2	15	18	32	20	13	14	30	21	29	30	29	24	20				17.8
SAN HAVEN	MAX	42	41	50	44	41	32	53	47	40	35	17	4	23	39	34	37	44	42	37	46	43	35	40	41	33	36	35	33				37.3
	MIN	29	29	21	29	22	23	22	30	21	17	-15	-18	4	18	-1	9	18	30	20	13	14	27	20	29	27	28	19	17				17.9
SHARON	MAX	37	38	37	37	33	29	37	41	36	32	15	11	33	41	35	43	50	45	37	41	36	29	41	40	36	40	36	32				35.6
	MIN	26	28	22	25	18	11	23	26	25	15	-10	-8	10	29	13	21	29	30	27	14	19	24	25	29	28	30	24	17				20.4
STANLEY	MAX	36	36	40	40	39	36	38	41	39	40	15	21	37	41	29	45	50	46	37	43	42	42	46	42	36	38	36	42				38.3
	MIN	24	25	29	29	26	24	26	30	28	10	-10	-3	13	27	10	17	25	30	19	19	18	24	27	32	22	17	14	16				20.3
STEELE	MAX	40	39	43	41	40	40	48	53	44	37	24	30	46	45	38	50	57	58	50	52	42	41	54	45	36	44	39	39				43.4
	MIN	23	28	26	28	24	24	24	26	25	20	-7	-2	18	30	15	23	27	34	27	4	20	29	24	32	30	28	21	19				22.1
TOWNER	MAX	39	39	41	35	33	31	42	40	37	33	18	18	28	44	41	42	43	43	37	42	44	33	36	37	35	40	36	32				36.4
	MIN	32	27	26	23	27	12	20	22	26	13	-18	-10	5	25	1	15	22	28	19	12	18	25	32	28	28	28	22	26				19.1
TURTLE LAKE	MAX	37	39	41	42	41	36	43	47	43	36	23	25	37	41	38	50	53	57	52	47	43	42	51	48	37	41	38	38				41.6
	MIN	27	27	28	26	21	20	22	28	25	17	-9	-5	17	28	10	26	28	34	24	20	21	33	26	32	29	28	23	18				22.3
UNOERWOOD	MAX	42	37	37	42	45	29	37	45	49	40	28	8	26	40	40	29	51	55	58	32	48	45	38	51	40	38	40	37				39.5
	MIN	11	23	27	30	20	22	23	27	28	20	-6	-6	6	24	11	11	26	31	26	18	20	20	27	28	29	29	23	17				20.2
UPHAM 3N	MAX	38	40	40	40	35	32	47	39	39	34	19	11	25	37	32	44	45	45	38	44	39	36	47	41	36	49	49	42				37.8
	MIN	25	26	24	21	13	21	18	17	12	12	-19	-19	-1	4	-4	8	9	27	14	6	11	27	20	27	30	27	26	29				14.7</

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
FEBRUARY 1954

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	3.0 2	1.0 3	-	-	-	-	-	-	
AMENIA	SNOWFALL SN ON GND	10	8	6	5	5	5	4	3	2	2	2	2	2	2	2	1	1	T	T	T	T	T	T	T	-	-	-	-	-	-	-	
AMIDON	SNOWFALL SN ON GND	3	3	2	1	T	T	T	T	-	-	T	T	-	-	-	-	-	-	-	-	-	-	-	-	1.5 2	T	T	T	-	-	-	
ASHLEY	SNOWFALL SN ON GND	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	-	-	T	-	-	-	-	-	-	
BEACH	SNOWFALL SN ON GND	T	-	-	-	-	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0 1	-	-	-	-	-	-	
BELCOURT INDIAN RES	SNOWFALL SN ON GND	-	-	4	3	3	3	2	2	1	3	3	4	4	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
BELFIELD	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	T	T	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	
BEULAH	SNOWFALL SN ON GND	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	
BISBEE	SNOWFALL SN ON GND	17	17	16	15	12	12	12	10	10	10	10	0.5 10	10	10	10	9	8	7	7	5	5	T S	4	4	4	4	4	4	4	4	4	4
BISMARCK WB AP	SNOWFALL SN ON GND WTR EQUIV	3 0.4	2 0.3	1	T	T	T	T	T	-	T	T	T	T	-	-	-	-	-	-	-	-	T T	0.3	T	-	-	-	-	-	-	-	
BOTTINEAU	SNOWFALL SN ON GND	14	12	11	10	10	10	10	9	9	8	8	8	0.2 8	8	8	8	7	6	5	5	4	0.4 4	4	3	3	3	3	3	3	3	3	
BOWBELLS	SNOWFALL SN ON GND	9	8	7	6	5	4	3	2	1	T 1	T 1	T 1	1.0 1	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
CARSON NO. 2	SNOWFALL SN ON GND	T	T	T	T	T	T	T	T	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0 2	T	T	T	-	-	-	
CENTER	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CROSBY	SNOWFALL SN ON GND	9	8	7	6	6	5	5	4	3	T 3	T 3	T 3	3	3	2	2	1	T	T	T	T	-	-	-	-	-	-	-	-	-	-	-
DEVILS LAKE WB CITY	SNOWFALL SN ON GND	15	14	13	12	T 11	T 11	11	10	9	T 9	9	0.7 9	0.1 9	T 9	6	6	5	3	T 2	2	1	0.5 2	2	1	1	1	1	1	1	0.5 T	-	-
DICKINSON CAA AP	SNOWFALL SN ON GND	1	1	-	-	-	-	-	-	-	T	T	T	-	-	-	-	-	-	-	-	-	-	-	2.0	2	1	T	T	-	-	-	
DICKINSON EXP STA	SNOWFALL SN ON GND	2	T	T	-	-	-	-	-	-	-	T	T	T	-	-	-	-	-	-	-	-	-	-	-	-	4	2	1	1	-	-	
DUNN CENTER	SNOWFALL SN ON GND	7	5	4	2	T	T	T	T	T	T	T	T	T	T	-	-	-	-	-	-	-	-	-	-	2.0 2	T	T	T	-	-	-	
EDMORE 1 W	SNOWFALL SN ON GND	22	21	17	15	13	13	11	9	9	9	9	9	9	9	8	8	7	6	6	5	5	5	5	4	4	4	4	4	4	4	4	
ELLEDALE	SNOWFALL SN ON GND	4	4	4	4	3	3	3	2	2	2	T 2	T 2	1	1	1	1	T	T	T	T	T	0.8 T	T	T	-	-	-	-	-	-	-	
FARGO WB AP	SNOWFALL SN ON GND WTR EQUIV	10 2.1	9 2.1	9 2.1	7 2.1	7 2.0	7 2.1	7 2.3	6 2.1	5 1.7	5 1.7	5 1.9	5 2.1	5 1.9	4 1.6	4 1.6	4 1.7	4 1.9	4 1.4	3 1.0	2 1.0	2 0.9	0.1 1	0.1 1	1	1	1	1	1	1	1	1	
FORT YATES	SNOWFALL SN ON GND	T	T	T	-	-	-	-	-	-	-	T	T	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-	-	-	-	
FOXHOLM 7 N	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FULLERTON	SNOWFALL SN ON GND	6	4	2	1	1	1	T	T	T	T	T	T	-	T	-	-	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	
GARRISON	SNOWFALL SN ON GND	8	6	4	3	2	2	2	1	1	1	T 1	T 1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GRAFTON STATE SCHOOL	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GRAND FORKS CAA AP	SNOWFALL SN ON GND	9	8	8	8	7	5	4	4	3	2	2	0.3 2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GRAND FORKS UNIV	SNOWFALL SN ON GND	18	16	10	9	8	8	7	6	5	5	5	0.3 5	5	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
GRANVILLE	SNOWFALL SN ON GND	16	15	13	11	11	11	9	7	7	7	T 7	T 8	1.0 8	8	7	7	6	4	3	3	2	2	2	2	1	1	1	1	1	1	1	1
HANSBORO	SNOWFALL SN ON GND	13	12	9	6	6	6	3	2	2	2	T 2	0.7 2	3	3	2	2	2	1	T	T	T	T	0.8 1	T	T	T	T	T	T	T	T	
HETTINGER	SNOWFALL SN ON GND	1	-	-	-	-	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JAMESTOWN CAA AP	SNOWFALL SN ON GND	4	3	2	T	T	T	T	T	T	0.3 T	T	T	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENSAL WILDLIFE REFUGE	SNOWFALL SN ON GND	4	3	3	3	2	2	2	1	1	1	0.2 1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILLDEER 8 NW	SNOWFALL SN ON GND	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MANDAN EXP STA	SNOWFALL SN ON GND	3	2	1	T	T	T	T	T	T	T	0.1 T	T	T	T	T	T	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAYVILLE	SNOWFALL SN ON GND	7	6	4	3	3	3	3	3	2	2	2	T 2	1	1	1	1	T	T	T	T	T	0.8 1	T	T	T	1.0 T	T	T	-	-	-	
MC CLUSKY	SNOWFALL SN ON GND	5	5	4	3	3	3	2	2	2	2	T 2	T 2	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	

See reference notes following Station Index.

Table 7-CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
FEBRUARY 1954

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MC HENRY 5 N	SNOWFALL 5N ON GND	12	12	10	10	10	10	8	8	7	T	7	T	7	6	6	5	4	3	3	3	3	T	2	2	2	T	1	1	T			
MEOORA 4 NNE	SNOWFALL 5N ON GND	1	1			T					T														T								
MINOT CAA AP	SNOWFALL 5N ON GND	8	5	4	3	1	1	1	1	1	0.1	T	0.5	T	1	1	1	1	T	T	T	T	T					T	0.5				
MINOT EXP FARM	SNOWFALL 5N ON GND	9	7	6	5	4	3	2	1	1	T	0.1	0.5	2	2	1	1	1											0.1				
MOHALL	SNOWFALL 5N ON GND	12	10	6	5	5	4	3	3	3	T	3	0.5	0.2	4	4	4	-	3	2	2	2	2	2	1	1	1	T	T	0.3			
MONTPELIER	SNOWFALL 5N ON GND	2	1	T	T	T	T				T	T	T	T						T		T	T										
MOTT	SNOWFALL 5N ON GND	1									T														T	2.5							
MUNICH 4 SW	SNOWFALL 5N ON GND	16	13	11	9	9	9	8	7	6	6	6	6	6	5	5	4	3	1	T	T	T	T	T	T	T	T	T	T	T	T		
NAPOLEON 1 SE	SNOWFALL 5N ON GND	4	3	2	2	1	1	T	T		T	T	T	T																			
OAKE5	SNOWFALL 5N ON GND	8	6	-	4	-	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	-	-	T	-	-	-	-	-	-		
PAR5HALL	SNOWFALL 5N ON GND	9	8	6	4	4	3	3	1		T		0.7	1														T	T				
PETERSBURG	SNOWFALL 5N ON GND	16	15	14	13	13	13	12	12	12	11	11	0.5	11	11	10	10	9	8	7	6	5	4	4	3	3	0.2	2	2	1			
PETTIBONE	SNOWFALL 5N ON GND	8	8	6	6	6	6	5	4	4	4	4	4	4	3	3	3	2	1	1													
PRETTY ROCK	SNOWFALL 5N ON GND	2	1	1							T		T	T	T	T					T				T	1.0	1						
RICHAROTON ABBEY	SNOWFALL 5N ON GND	1	T	T	T	T	T				T	T	T	T		0.1									3.0	1.0	3	1	1	T	T		
RIVERDALE	SNOWFALL 5N ON GND	6	5	4	2	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T							T						
ROLLA	SNOWFALL 5N ON GND	14	12	10	9	9	9	9	9	9	T	9	1.0	9	9	8	8	8	7	6	5	4	3	1.0	4	3	T	2	1	T	T	T	
SAN HAVEN	SNOWFALL 5N ON GND	18	17	16	15	15	15	13	12	12	12	12	0.6	12	12	12	12	11	10	8	8	7	0.2	7	6	6	5	T	5	5	5		
SHARON	SNOWFALL 5N ON GND	12	10	7	5	5	5	4	2	2	2	2	0.3	2	2	2	1	1	T	T	T	T	T	T	T	T	T	T	T	T			
STANLEY	SNOWFALL 5N ON GND	9	9	8	8	8	7	7	5	5	5	5	5	5	4	4	3	3															
UPHAM 3 N	SNOWFALL 5N ON GND	16	16	15	15	15	15	14	14	12	12	12	0.1	0.5	12	10	10	8	8	6	6	4	4	1.4	5	5	5	5	T	5	T	5	
VALLEY CITY	SNOWFALL 5N ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	-	-	-	-	-	-	-	-		
WAHPETON STATE SCHOOL	SNOWFALL 5N ON GND	12	10	8	7	7	7	6	6	5	T	4	4	4	4	3	3	3	2	2	2.5	4	3	3	T	T	2	2	1	1	1		
WESTHOPE	SNOWFALL 5N ON GND	-	-	-	-	-	-	-	-	-	T	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WILLISTON WB CITY	SNOWFALL 5N ON GND WTR EQUIV	8	8	7	6	5	2	1	1	1	T	1	0.8	1	2	1	T	T	T	T	T	T			0.1	T	T	T	T				
WILLOW CITY	SNOWFALL 5N ON GND	12	11	10	10	10	10	9	9	9	T	9	3.0	12	12	12	12	10	9	8	8	8	8	8	7	7	6	6	6	1.0	6		

STATION INDEX

NORTH DAKOTA

FEBRUARY 1954

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables
Adams 7 S	0022	Walsh	10	48 20	98 06	-	SP	Myron J. Bata	3	Medora 23 NW	5818	Billings	7	47 14	103 36	2123	7A	Archie E. McAdoo	3
Alexander	0096	McKenzie	10	48 20	103 38	2200	SP	Arthur J. Bauman	3	Medora 24 NW	5833	Foster	15	47 20	98 02	1625	MID	Edgar S. Stegmeyer	2 3 5 C
Albion 7 SW	0136	Horton	10	48 43	97 38	2300	7P	Frank Rasmussen	2 3 5	Medora 25 NW	5888	Ward	15	48 15	101 17	1722	MID	U.S. Civil Aero Adm	3 7
Albion	0189	Divide	12	48 58	103 28	2059	SP	Soo Line Agent	2 3 5	Medora 26 NW	5993	Ward	15	48 10	101 18	1720	6P	N.C. Agri. Exp. Sta	2 3 5 7 C
Albion	0196	Class	11	47 00	97 13	960	SS	Virgil L. Gebeke	2 3 5 7	Medora 27 NW	6015	Burleigh	8	46 40	100 14	1760	JP	U.S. Fish & N.L. Serv	2 3 5
Albion	0209	Slope	1	46 29	103 19	2910	8A	Virginia M. Zupfel	2 3 5 7 C	Medora 28 NW	6025	Reville	12	48 48	101 31	1639	9P	Iver Johnson	2 3 5 7
Antler	0263	Bottineau	12	48 58	100 20	1540	MID	M. B. Negger	2 3 5	Medora 29 NW	6105	Stutman	5	48 42	98 35	1379	6P	Rolf Rasmussen	2 3 5 7 C
Antler State Park	0359	Golden Valley	7	46 53	104 01	2814	6A	Albert Thoren	2 3 5	Medora 30 NW	6155	Bettlinger	1	46 23	102 20	2420	SS	Forrest E. Coffing	2 3 5 7 C
Ashtabula	0382	McIntosh	8	46 02	99 22	2025	SS	Soo Line Agent	2 3 5 7 C	Medora 31 NW	6185	Cavalier	7	46 28	98 53	1598	7P	Harold Feldner	2 3 5 7
Balfour	0492	McHenry	12	47 57	100 32	1615	MID	Raymond E. Weiler	2 3 5 7	Medora 32 NW	6255	Logan	8	46 29	99 45	1955	7P	Glady's J. Peterson	2 3 5 7 C
Balta	0500	Pierce	12	48 10	100 02	1550	6P	F. B. Chidester	3	Medora 33 NW	6315	Bettlinger	1	46 33	102 52	2021	6P	Anton Selinger	2 3 5
Bantry	0516	McHenry	12	48 30	100 36	1458	9A	Temple R. Roberto	2 3 5 7 C	Medora 34 NW	6355	Eddy	5	47 43	99 16	1550	6P	Richard Steinbach	3
Beach 5 S	0569	Golden Valley	7	46 53	104 01	2814	6A	Albert Thoren	2 3 5	Medora 35 NW	6365	Morton	4	46 50	101 25	2163	6P	William F. Gaehe	2 3 5
Belcourt Indian Res.	0626	Rolette	9	48 50	99 45	1960	SP	Turtle Mt. Ind. Ag.	2 3 5 7 C	Medora 36 NW	6383	Mountrail	8	48 59	102 29	1905	6P	Erwin A. Ventech	2 3 5
Belcourt	0639	Stark	4	46 53	103 11	2592	7P	Carl Edbergard	2 3 5 7	Medora 37 NW	6455	Divide	12	48 53	103 01	1960	6P	George Kontek	3
Berbold	0729	Ward	12	48 19	101 44	2080	6P	Joseph B. Cox	3	Medora 38 NW	6535	Burke	12	49 00	102 16	1850	MID	U.S. Customs Sta.	3 7 C
Blair	0766	Mercer	6	47 18	101 47	1780	8A	Mont. Dak. Util. Co.	3 7 C	Medora 39 NW	6555	La Moure	4	46 33	98 44	1503	6P	Henry L. Erickson	3
Blair	0796	Towner	2	48 37	99 22	1600	6P	Robert J. Krick	2 3 5	Medora 40 NW	6626	Dickey	5	46 08	98 05	1320	8A	E. Carrie Murray	2 3 5 7 C
Bliss	0814	Burleigh	8	46 48	100 48	1670	9A	Closed - - - -	1-1-54	Medora 41 NW	6857	Walsh	10	48 23	97 45	998	SP	Martin Severson	2 3 5
Bliss	0819	Burleigh	8	46 46	100 45	1650	MID	U.S. Weather Bureau	2 3 5 7	Medora 42 NW	6887	McIntosh	11	47 57	102 08	1829	6P	U. S. Eubank	2 3 5 7
Bliss	0827	Burleigh	8	46 51	100 33	1709	SP	KFR Transmitter	3	Medora 43 NW	6947	Peabody	10	49 00	97 14	790	4P	MID U.S. Customs & Imm.	2 3 5 C
Bottineau	0843	McHenry	12	48 50	100 27	1640	8A	R.D. Sch. of Protry	2 3 5 7	Medora 44 NW	7027	Nelson	10	48 01	98 00	1524	3P	Rev. Odean Hanson	2 3 5 7
Bottineau	0961	Burke	12	48 48	102 15	1953	8A	Felix L. Adams	2 3 5 7	Medora 45 NW	7047	Kidder	3	47 07	99 32	1860	7P	L. H. Dethloff	2 3 5 7 C
Bottineau	0995	Bowman	3	46 11	103 23	2980	SP	D. B. Hook	2 3 5	Medora 46 NW	7117	Stutman	5	47 08	98 54	1572	6P	Jerry W. Tangney	2 3 5 7
Bottineau	0996	Bowman	3	46 04	103 19	2810	6P	Bernard L. Domagala	3	Medora 47 NW	7201	Burke	8	48 00	102 33	1304	8A	D.S. Customs Serv.	2 3 5
Bottineau	1001	Slope	7	46 35	103 31	2505	SP	John B. Hanson	3	Medora 48 NW	7281	Burke	8	48 34	102 38	2205	7P	Berbert J. Clark	2 3 5 7
Bottineau	1033	Morton	4	46 10	100 56	1560	MID	John B. Pottery	3	Medora 49 NW	7311	Grant	1	46 11	101 51	1511	6P	Fred Leier	3 7
Bottineau	1124	Stutsman	5	47 04	98 49	1572	6A	M. B. Bedrockness	3	Medora 50 NW	7405	McLean	8	47 44	102 04	1455	MID	Alvin Larson	3
Bottineau	1216	Bettlinger	1	46 36	102 08	2344	6P	Jacob Grueble	2 3 5	Medora 51 NW	7452	Divide	12	47 57	102 07	1410	6P	Robert Cullen	3
Bottineau	1225	McLean	12	47 57	100 40	1860	6A	Earl Ward	2 3 5	Medora 52 NW	7530	Stark	4	46 53	102 19	2470	5P	Assumption Abbey	2 3 5 7 C
Cando	1286	Towner	2	48 29	99 12	1481	MID	Barry S. Barris	2 3 5	Medora 53 NW	7585	McLean	8	47 30	101 21	1910	8A	Corps of Engineers	2 3 5 7 C
Carrington	1360	Foster	5	47 27	98 08	1579	7A	Soo Line Agent	2 3 5	Medora 54 NW	7655	Rolette	12	48 40	99 50	1625	MID	George F. Gebres	2 3 5 7
Carrington	1365	Grant	4	46 25	101 34	2300	6P	Vincent Muggi	2 3 5	Medora 55 NW	7687	McIntosh	11	47 57	102 07	1480	7P	Alvin Kenner	2 3 5 7
Carrington	1370	Grant	4	46 47	101 34	2300	6P	Alexander Muggi	2 3 5	Medora 56 NW	7704	Pierce	12	48 22	100 00	1560	6P	Frank Hornstein	2 3 5
Carrington	1425	Pembina	9	48 48	97 38	889	6P	William Hansen Pica	2 3 5	Medora 57 NW	7749	Ward	8	47 55	101 04	2108	6P	S. C. Schellenbaum	3
Cass	1456	Oliver	8	47 07	101 18	2100	7P	Fred L. Beins	2 3 5 7	Medora 58 NW	7824	Rolette	12	48 50	100 02	2001	6P	N.D. State Hospital	2 3 5 7 C
Cass	1686	Steele	10	47 14	97 39	1180	6P	John P. Burchill	3	Medora 59 NW	7848	Cavalier	9	48 56	99 00	1602	MID	David E. Mndland	2 3 5 7
Cass	1696	Burke	12	48 54	102 47	1930	6P	J. D. Sundell	2 3 5	Medora 60 NW	7952	Divide	12	48 50	101 07	2183	7P	L. E. Wilson	3
Cass	1766	Griggs	9	47 13	98 34	1523	SP	G. R. Hansaalt	3	Medora 61 NW	7976	Golden Valley	7	46 37	103 49	2662	7P	G. E. Bury	3
Cass	1816	Stutsman	5	47 13	98 34	1523	SP	G. R. Hansaalt	3	Medora 62 NW	7986	Steele	10	47 36	97 54	1516	8P	Hugh Lyon	2 3 5 7
Cass	1871	Divide	12	48 54	103 18	1954	6P	Vernon V. Nichols	2 3 5 7	Medora 63 NW	8047	Renville	12	49 00	101 38	1647	6P	U.S. Customs Service	3
Cass	2018	Kidder	8	46 52	99 45	1730	MID	Ralph N. Nee	2 3 5 7 C	Medora 64 NW	8065	Grant	1	46 14	101 07	-	6P	Peter R. Young	3
Cass	2158	Stutsman	5	48 07	98 52	1471	MID	U.S. Weather Bureau	2 3 5 7 C	Medora 65 NW	8276	Mountrail	8	48 18	102 24	2260	7P	Leroy Edwards	2 3 5 7
Cass	2188	Stark	4	46 53	102 48	2460	7A	Dickinson Exp. Sta.	2 3 5 7 C	Medora 66 NW	8366	Kidder	3	46 51	89 55	1857	6P	Steele Ozard Press	2 3 5
Cass	2242	Narr	12	48 31	101 53	1760	SP	Fred S. Feldner	3	Medora 67 NW	8608	Reile	5	47 23	99 24	1634	4P	Edward Soding	3
Cass	2298	McHenry	12	47 55	100 22	1634	8A	Rd. J. Evans	2 3 5	Medora 68 NW	8627	Mountrail	12	48 20	101 56	2179	6P	George N. Pilgird	3
Cass	2365	Dunn	6	47 21	102 37	2191	6A	Charles C. Neunel	2 3 5	Medora 69 NW	8737	Williams	8	46 24	102 56	2279	6P	L. A. Sison	3
Cass	2472	Stutsman	5	46 20	98 42	1568	8A	N.D. Agri. Exp. Sta.	2 3 5 7 C	Medora 70 NW	8764	Renville	12	48 47	101 47	1603	5P	Henry M. Christen	3
Cass	2482	La Moure	5	46 20	98 42	1568	8A	N.D. Agri. Exp. Sta.	2 3 5 7 C	Medora 71 NW	8792	McHenry	12	48 21	100 24	1482	7P	August B. Rieder	2 3 5
Cass	2525	Ramsey	2	48 35	102 09	1520	5P	Mike Davis	2 3 5	Medora 72 NW	8807	McKenzie	13	47 47	101 04	2420	MID	John J. Kellerman	2 3 5 7
Cass	2530	McLean	8	47 35	102 09	2082	6P	R. M. Case	2 3 5	Medora 73 NW	8812	Golden Valley	13	47 17	103 54	2420	6P	Knute Sondrol	2 3 5 7 C
Cass	2592	Grant	4	48 01	99 45	2241	SP	Thodore A. Islinger	2 3 5	Medora 74 NW	8850	Kidder	8	47 08	100 00	1380	7P	Theodore C. Ochsner	3
Cass	2605	Dickey	5	46 00	98 31	1460	8P	Paul Gress	2 3 5	Medora 75 NW	8877	McLean	8	47 27	101 08	2026	7A	Claire W. Johnson	2 3 5
Cass	2695	Ramsey	11	46 38	97 36	2004	7A	Leonard Peterson	2 3 5	Medora 76 NW	8918	McHenry	12	48 37	100 44	1425	5P	U.S. Wildlife Ref.	2 3 5 7
Cass	2735	Williams	8	47 17	103 21	2224	6P	T. Beachler	2 3 5	Medora 77 NW	8937	Barnea	11	46 55	98 00	1229	6P	Miss L. C. Robertson	2 3 5 7
Cass	2767	Beeson	11	48 02	99 46	1650	MID	Lyle O. Ferling	2 3 5	Medora 78 NW	8980	McHenry	12	48 03	100 55	1511	6P	Oscar Anderson	2 3 5
Cass	2809	Billings	8	48 02	99 46	1650	MID	John B. Pottery	2 3 5	Medora 79 NW	9035	La Moure	5	46 22	98 05	1382	6P	Harren O. Tang	3
Cass	2859	Cass	10	46 34	96 48	895	MID	U.S. Weather Bureau	2 3 5 7	Medora 80 NW	9095	Richland	8	47 16	96 36	962	MID	Victor Burton	2 3 5 7
Cass	2949	Wells	5	47 39	99 37	1620	6P	Gail E. Rust	2 3 5	Medora 81 NW	9100	Richland	10	46 16	96 36	962	5P	St. Sch. of Science	2 3 5 7
Cass	3009	Morton	4	46 27	101 14	1930	8A	George M. Sinclair	3	Medora 82 NW	9155	Pembina	9	48 55	97 55	950	6P	Felix A. Gastonguay	3
Cass	3019	Burke	12	48 54	102 23	1940	6P	Palmer M. Dunham	3	Medora 83 NW	9185	Beeson	11	47 51	101 02	1475	5P	Virgil B. Johnston	2 3 5
Cass	3056	Dickey	5	46 04	98 36	1958	6P	Robert L. Backfisch	2 3 5	Medora 84 NW	9195	McLean	8	47 17	101 02	1770	5P	Helen Sandness	2 3 5
Cass	3117	Sargent	10	46 06	97 39	2429	6P	Art Waterman	2 3 5	Medora 85 NW	9205	McLean	8	47 17	101 02	1770	MID	Washburn Water Wks	3
Cass	3207	Slope	8	46 06	100 38	1640	5P	Soil Conservationist	2 3 5 7 C	Medora 86 NW	9219	Grant	1	46 02	101 34	2074	8P	Marj E. Katus	2 3 5
Cass	3217	Narr	12	48 27	101 34	1609	SP	D.S. Wildlife Ref.	2 3 5	Medora 87 NW	9233	McKenzie	8	47 48	103 17	2048	8P	J. C. Zeller	2 3 5
Cass	3277	Billings	8	46 53	103 18	2742	MID	Slater Shillmiller	2 3 5 7	Medora 88 NW	9238	McKenzie	8	47 47	103 02	-	MID	Ida Peterson	2 3 5 C
Cass	3287	Dickey	5	46 07	98 25	1430	6P	W. O. Alt	2 3 5	Medora 89 NW	9246	McKenzie	7	47 36	103 17	-	5P	Theo. Roosevelt NHP	2 3 5 7
Cass	3309	Logan	5	46 38															

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

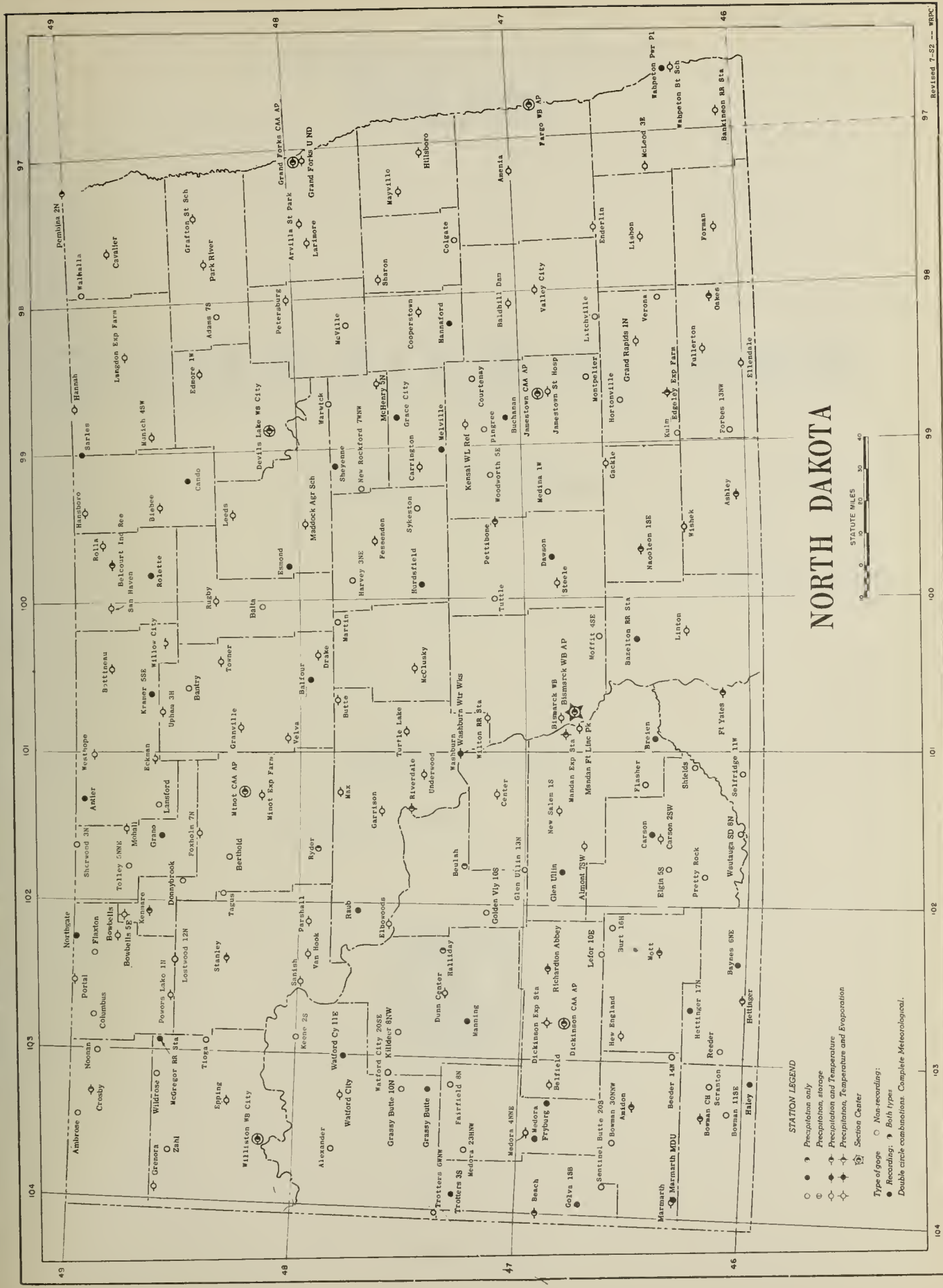
Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- ⊙ Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.
- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
- R Daily values and monthly total from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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WRPC, KANSAS CITY, MO., -- 4-28-54 -- 880



NORTH DAKOTA

STATION LEGEND

- Precipitation only
- Precipitation, storage
- Precipitation and Temperature
- Precipitation, Temperature and Evaporation
- Section Center

Type of gauge ○ Non-recording;
● Recording; ○ Both types
Double circle combinations: Complete Meteorological.

UNNT
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U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
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CLIMATOLOGICAL DATA

NORTH DAKOTA

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MARCH 1954

Volume LXIII No. 3



NORTH DAKOTA - MARCH 1954

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

March weather was quite variable but generally averaged near normal. Temperatures ranged from severely cold for the season in first and last weeks to moderately warm the rest of the month. The usual March blizzard occurred near mid-month this time affecting the southwest portion mostly and resulted in much above normal precipitation for that area. Elsewhere it ranged near to below normal. The weather was generally quite blustery during the last 10 days resulting in frequent snow especially over the south portion. There was no flooding reported on any streams in the state.

The average temperature for the state was 23.0 degrees which is 1.7 degrees below normal. The eastern division averaged 24.3 degrees which is 0.2 degree above normal; the middle division averaged 22.8 degrees which is 1.5 degrees below normal; and the western division averaged 21.9 degrees which is 3.9 degrees below normal. The highest mean temperature was 28.4 degrees at Fort Yates and the lowest was 18.7 degrees at Belcourt. The highest temperature reported in the state was 67 degrees at Mott on the 10th and the lowest was 31 degrees below zero at Belcourt on the 4th.

Precipitation over the state averaged 0.84 inch which is 0.06 inch above normal. The eastern division averaged 0.76 inch which is 0.06 inch below normal; the middle division averaged 0.75 inch which is 0.03 inch below normal; and the western division averaged 1.01 inches which is 0.26 inch above normal. Amounts ranged from 2.23 inches at Dickinson Airport to 0.14 inch at Tioga. The greatest amount reported in a single day was 1.31 inches on the 11th at the station 30 miles NNW of Bowman. Belfield reported 1.24 inches on the 12th and Dickinson Airport 1.02 inches on the 11th for the only other stations to report more than an inch in a single day. Snowfall averaged more than 8 inches over the state. The greatest amount was recorded in the western division where it averaged 10.5 inches. Marmarth recorded 20.6 inches of snow for the greatest amount. Epping had only a trace for the least amount of snow in the state.

March brought a sharp end to the record warm February weather. The first week turned cold and brought sub-zero temperatures to the entire state. Then followed two weeks with generally above normal temperatures. The final week, however, brought unseasonably cold weather again with temperatures in some sections approaching all time lows for so late in the season. The snow-cover was gone in most sections of the state early in the month except in a few north-central counties. Frequent snows after the middle of the month kept ground snow-covered much of the time with the heaviest in the southwest portion of the state. The snow was welcome from standpoint of soil moisture supplies. Topsoil moisture is generally regarded as sufficient for germination but would not last very long without additional rain. Subsoil moisture is deficient in all sections of the state. There were only isolated reports of field work during the month. Livestock were in good condition largely due to the open winter. Feed supplies were still large at end of the month. The cold weather at the close of the month was unfavorable for calving and lambing and some losses were reported among early calves.

Probably the most severe storm of the month was the heavy snow in the southwest portion of the state on the 11th and 12th. Accompanied by high winds it produced quite a blizzard which blocked all roads in the area. The storm apparently centered in the Dickinson area. Many motorists were stranded for a day or so and many cars were left in ditches. Property damage was apparently slight and no deaths or injuries were reported from the storm.

On the 17th and 18th a cloud of dust moved over much of the state carried in by strong south and southwest winds. The dust originated in the so-called dust-bowl areas of the southwest. Visibility was at times reduced to less than a mile in the southern portion of the state. By the 19th, however, northwesterly winds had cleared the air in all sections of the state.--CJS

SUPPLEMENTAL DATA

NORTH DAKOTA
MARCH 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
BISMARCK W8 AIRPORT	WNW	11	11.4	36	NW	8	83	84	68	70	8	10	2	0	0	0	20	61	6.3
DEVILS LAKE W8 CITY	-	-	9.9	29	N	25	-	-	-	-	8	8	1	0	0	0	17	70	5.5
FARGO W8 AIRPORT	N	16	15.9	45	NW	25	79	78	65	69	14	3	2	0	0	0	19	55	6.2
WILLISTON W8 CITY	-	-	7.7	26	E	11	80	82	67	70	12	5	3	1	0	0	21	53	7.8

COMPARATIVE DATA

Table 1

MARCH

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	
1892	24.2	66	-35	0.83	1.9	
1893	13.9	68	-35	0.95	10.0	
1894	24.8	69	-22	1.45	10.1	
1895	23.2	75	-35	0.17	1.0	
1896	15.7	70	-35	1.13	8.0	
1897	11.9	58	-48	1.36	8.0	
1898	21.3	79	-24	0.79	6.7	
1899	7.5	72	-30	0.96	10.0	
1900	20.3	77	-24	1.01	8.5	
1901	25.3	85	-32	0.86	5.2	
1902	27.4	65	-25	2.73	11.7	
1903	22.1	80	-24	0.55	5.1	
1904	18.2	64	-26	1.41	11.5	
1905	32.5	81	-25	0.75	2.3	
1906	18.5	67	-34	0.38	3.1	
1907	23.1	83	-20	0.72	5.1	
1908	21.1	68	-31	1.21	12.1	
1909	24.0	61	-24	0.33	2.7	
1910	41.3	90	-7	0.94	0.3	
1911	30.6	78	-18	0.23	1.6	
1912	15.4	65	-28	0.37	3.6	
1913	17.2	70	-31	0.85	8.2	
1914	25.5	76	-20	0.88	9.2	
1915	22.9	63	-23	0.22	2.0	
1916	20.3	69	-45	1.42	13.5	
1917	22.2	67	-39	0.38	3.9	
1918	35.0	82	-15	0.40	2.9	
1919	17.8	67	-35	0.78	6.2	
1920	22.4	67	-32	0.83	7.1	
1921	25.2	75	-22	0.97	9.1	
1922	25.8	60	-30	0.71	6.4	
1923	18.3	65	-35	0.38	4.8	
1924	22.5	58	-20	0.48	4.4	
1925	27.4	75	-26	0.60	6.0	
1926	25.8	83	-23	0.24	1.8	
1927	30.4	77	-10	0.72	6.5	
1928	28.1	85	-17	0.52	4.8	
1929	30.5	77	-15	0.78	5.3	
1930	26.1	62	-17	0.09	0.9	
1931	25.7	63	-24	0.94	4.8	
1932	18.9	64	-30	0.64	6.0	
1933	28.5	70	-14	0.45	3.7	
1934	26.3	74	-12	0.49	3.6	
1935	26.3	75	-37	1.26	7.0	
1936	25.4	61	-27	0.81	8.1	
1937	24.8	72	-20	0.39	4.3	
1938	33.1	72	-14	0.59	2.5	
1939	23.3	81	-29	0.39	5.3	
1940	23.1	64	-26	0.87	9.1	
1941	24.5	68	-25	0.58	6.8	
1942	30.0	66	-8	1.83	12.8	
1943	17.0	77	-30	1.23	14.8	
1944	16.7	53	-25	0.81	10.2	
1945	33.3	77	-27	1.34	2.4	
1946	34.8	86	-22	0.99	2.9	
1947	22.3	66	-23	0.34	4.1	
1948	17.6	64	-40	0.45	5.4	
1949	21.9	55	-22	0.60	5.7	
1950	19.2	59	-31	1.38	12.9	
1951	12.5	59	-38	0.57	6.4	
1952	18.1	57	-31	0.48	5.8	
1953	26.2	67	-27	0.95	7.4	
1954	23.0	67	-31	0.84	8.3	

AVERAGES FOR THE PERIOD FROM 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

CLIMATOLOGICAL DATA

NORTH DAKOTA
MARCH 1954

TABLE 2

Station		Temperature										Precipitation															
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days					
											Max.	Min.	90° or Above	32° or Below					32° or Below	30° or Below	6" or More	Total	Max. Depth on Ground	Date	10 or More	50 or More	
																											100 or More
EASTERN DIVISION																											
AMENIA		35.1	17.2	26.2	1.5	51	17	- 5	4	1196	0	10	30	2	0.80	0.04	0.20	24+	10.0	1	25+	3	0	0			
ARVILLA STATE PARK		34.6	13.8	24.2		51	23	- 6	4	1256	0	17	31	4	0.54		0.26	24				2	0	0			
CARRINGTON		33.3M	9.9M	21.6M	- 2.1	54	24	-12	4		0		31		0.80	- 0.11	0.32	25	11.0	9	27+	3	0	0			
CAVALIER		33.2	15.0	24.1	3.1	47	23	- 5	4	1259	0	13	31	4	0.43	- 0.33	0.24	25	2.0			1	0	0			
COOPERSTOWN		34.3	13.9M	24.1M	- 0.2	52	17	-14	4	1268	0	12	31	5	0.80	0.09	0.25	1	10.3			5	0	0			
DEVILS LAKE WB CITY		R	31.3	13.6	22.5	- 0.1	49	23	-12	4	1311	0	15	31	4	0.52	- 0.21	0.26	24	5.8	2	25	1	0	0		
EDGELEY EXP FARM			34.2	13.9	24.1	- 3.2	55	9+	-10	4		0	13	31	4	1.04	0.21	0.47	25	4	25	3	0	0			
EDMORE 1 W			31.9	12.8	22.4	1.3	47	23	-11	4	1313	0	12	31	4	0.22	- 0.47	0.17	25	2.5	4	1+	1	0	0		
ELLENDALE			37.9	16.1	27.0	- 0.2	55	8+	- 7	4	1173	0	9	30	3	1.16	0.21	0.33	24+	8.6	2	25+	4	0	0		
ENDERLIN			33.3	13.6	23.5		57	18	- 8	4		0	13	31	3	0.74		0.41	25	4	1	3	0	0			
FARGO WB AIRPORT		R//	33.0	17.9	25.5	0.2	49	17	- 2	4	1219	0	13	29	3	0.65	- 0.24	0.27	24	4.9	2	27	2	0	0		
FORMAN			36.5	17.5M	27.0M	1.0	57	17	- 6	4	1172	0	9	31	2	0.78	- 0.02	0.35	24		1	1	4	0	0		
FULLERTON			36.8	16.1	26.5	- 0.6	57	17	- 9	4	1188	0	9	30	3	1.79	0.73	0.88	25	14.2			4	1	0		
GACKLE			34.2	14.1	24.2	- 1.1	53	17	-12	4	1261	0	12	31	5	1.16	0.31	0.35	24	9.2	4	25+	6	0	0		
GRAFTON STATE SCHOOL			33.6	15.3	24.5	2.8	50	23	- 5	4	1251	0	14	31	3	0.46	- 0.24	0.38	25	1.6			1	0	0		
GRAND FORKS CAA AP		R	32.4	14.9	23.7	1.2	49	23	- 4	4	1274	0	16	30	4	0.41	- 0.37	0.21	24	4.5	3	25+	1	0	0		
GRAND FORKS UNIV			33.4	17.3	25.4	2.9	47	23	- 2	4	1220	0	15	29	2	0.78	0.09	0.40	25	4.6	4	25	2	0	0		
GRAND RAPIDS 1 N			37.7	14.9	26.3		55	17	-11	4	1192	0	9	30	4	1.41		0.48	24	7.9	4	25	4	0	0		
HANKINSON RR STA			34.5	16.2	25.4	- 3.2	53	18	- 4	4+		0	12	30	3	0.61	- 0.21	0.35	25				2	0	0		
HANNAH			30.8	9.8	20.3	1.1	45	23	-14	4	1379	0	14	31	7	0.44	- 0.28	0.17	24		1	1+	2	0	0		
HILLSBORO			34.5	17.2	25.9	0.6	47	23	- 3	4	1206	0	10	30	2	0.57	- 0.24	0.29	25	6.5			2	0	0		
JAMESTOWN CAA AP		R//	33.6	12.8	23.2	- 1.2	54	17+	-13	4	1288	0	15	31	5	1.42	0.52	0.48	24	14.7	4	2+	4	0	0		
JAMESTOWN STATE HOSP			34.5	15.5	25.0	0.6	54	23	-10	4	1233	0	13	31	4	0.76	- 0.14	0.31	1	1.0			2	0	0		
KENSAL WILDLIFE REF			35.4	11.7	23.6		54	23	-15	4	1275	0	12	31	8	0.80		0.33	27	10.0	5	27+	4	0	0		
LANGDON EXP FARM			31.1	10.8	21.0	1.2	44	23	-15	4	1357	0	15	31	6	0.42	- 0.36	0.22	25	3.2	5	2+	1	0	0		
LARIMORE			33.4	15.1	24.3	1.6	49	23	-17	4	1257	0	14	31	3	0.38	- 0.43	0.26	25	4.5			2	0	0		
LISBON			37.5	16.5	27.0	- 0.3	53	17+	-10	4	1169	0	9	30	3	1.23	0.50	0.42	25	2.3			4	0	0		
MAYVILLE			33.7	16.6	25.2	0.5	49	17+	- 4	4	1226	0	13	30	3	0.82	0.13	0.34	25	6.7	3	25	2	0	0		
MC HENRY 5 N			31.9	13.1	22.5	- 0.5	48	17	-15	4	1311	0	16	31	6	0.43	- 0.26	0.12	25	2.9	1	1+	2	0	0		
MC LEOO 3 E			36.7	16.6M	26.7M	- 1.1	55	17	- 7	4	1184	0	8	30	2	0.77	- 0.01	0.47	22				2	0	0		
MUNICH 4 SW			31.4M	12.3M	21.9M		45	23+	-16	4	1331	0		30		0.46		0.20	25	4.1	2	25	2	0	0		
OLAFS			33.9	14.2	24.1	- 3.6	55	18	- 6	4		0	14	31	4	1.41	- 0.61	0.68	25	5	25	4	1	0	0		
PARK RIVER			33.9	14.9	24.4	1.6	48	23+	- 5	4	1250	0	14	31	3	0.50	- 0.16	0.27	25	1	1+	2	0	0	0		
PENBINA 2 N			33.1	11.7	22.4	4.0	46	23+	-12	5	1309	0	13	31	6	0.34	- 0.46						0	0	0		
PETERSBURG			31.6	12.3	22.0		48	23	-10	4	1328	0	16	31	6	0.65	- 0.08	0.26	25				3	0	0		
SHARON			32.5	14.0	23.3	- 0.9	48	17+	-11	4	1286	0	15	31	5	0.75	0.13	0.31	25	9.0	4	1+	3	0	0		
VALLEY CITY			36.5	16.3	26.4	0.1	55	17	-10	5	1189	0	10	29	3	0.94	0.15	0.32	24	9.7			5	0	0		
WAPETON STATE SCHOOL			36.2	18.9	27.6	0.0	51	17	- 4	4	1156	0	8	28	3	0.74	0.02	0.31	24		1	1+	3	0	0		
DIVISION					24.3	0.2											0.76	- 0.06	6.6								
MIDDLE DIVISION																											
ASHLEY			36.5	14.1	25.3	0.4	57	8	- 9	4	1224	0	11	31	5	0.73	- 0.10	0.31	24	5.2	4	25	2	0	0		
BELCOURT INDIAN RES			30.7	6.6	18.7		45	23	-31	4	1432	0	18	31	9	0.48		0.17	25		4	1+	3	0	0		
BISBEE			32.2M	13.0	22.6M	0.1	48	23	-11	4	1300	0	15	31	6	0.39	- 0.32	0.17	25	2.0	3	1+	3	0	0		
BISMARCK WB AIRPORT		R//	33.9	13.9	23.9	- 3.0	55	8	-11	4	1268	0	14	31	7	0.89	0.13	0.28	24	9.8	3	12	2	0	0		
BOTTINEAU			29.5	9.8	19.7	- 1.1	48	24	-14	3		0	17	31	8	0.23	- 0.44	0.09	25	2.4	4	1+	0	0	0		
BUTTE			31.3M	11.2M	21.3M	- 5.1	52	24	-11	3		0		31		0.44	- 0.38	0.34	25	5.5	3	27+	1	0	0		
CARSON NO 2			33.3M	11.5M	22.4M	- 4.6	56	9+	-12	3		0	14	31	8	1.26	0.40	0.35	12	10.5	4	12+	6	0	0		
CENTER			34.5	10.8	22.7	- 3.8	51	23	-23	4	1307	0	11	31	7	1.30	0.57	0.26	12		5	12+	6	0	0		
DRAKE			31.6	11.5	21.6	- 3.1	52	24	-11	3+		0	15	31	7	0.68	- 0.02	0.36	25				2	0	0		
ECKMAN			30.4	9.0	19.7	- 3.3	50	24	-16	4+		0	18	31	8	0.72	0.16	0.20	10	7.0	3	2+	4	0	0		
FESSENDEN			34.2	11.9	23.1	- 0.6	51	23	-13	3	1293	0	12	31	8	0.74	- 0.01	0.18	24	8.6	5	28	4	0	0		
FORT YATES			40.2	16.6	28.4	1.2	60	8	-11	4	1128	0	9	30	3	0.96	0.15	0.37	12	12.5			5	12+	3	0	0
FOXHOLM 7 N			33.9M	12.3	23.1M	- 2.3	52	23	-12	3	1294	0		31	7	0.43	- 0.29	0.13	1		2	25	3	0	0		
GARRISON			32.0	11.0	21.5	- 2.9	51	24	-10	3+		0	15	31	7	0.91	0.12	0.31	12	7.8	3	25+	3	0	0		
GRANVILLE			34.3M	14.3M	24.3M	- 0.2	53	23	-11	3	1254	0	11	31	5	0.35	- 0.19	0.10	1+	5.0	2	1+	3	0	0		
HANSBORO			31.6M	12.1M	21.9M	1.2	48	23	-12	3+	1330	0	16	31	7	0.42	- 0.46	0.13	24	4.3	1	1+	2	0	0		
LEES			33.1	13.1	23.1		50	23	-14	4	1291	0	12	31	6	0.97		0.52	1	11.8			3	1	0	0	
LINTON			38.3	14.6	26.5	- 1.5	58	8+	-12	4	1188	0	10	30	4	0.58	- 0.20	0.25	24				1	0	0		
MADDOCK AGR SCHOOL			32.6	12.4	22.5	- 1.8	50	23	-15	4	1310	0	14	31	8	0.69	0.05	0.31	1				2	0	0		
MANDAN EXP STATION			32.6	13.3	23.0	- 3.8	53	9+	-15	4		0	15	31	6	0.98	0.14	0.30	12	11.8	4	12+					

CLIMATOLOGICAL DATA

NORTH DAKOTA
MARCH 1954

TABLE 2 - CONTINUED

Station	Temperature													Precipitation										
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail				No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	1/8 or More	.50 or More	1.00 or More	
										90° or Above	31° or Below	31° or Below	32° or Below											
										31° or Below	32° or Below	33° or Below	34° or Below											
TOWNER	34.3M	14.3M	24.3M	- 1.7	52	23	-15	4	1258	0	11	31	6	0.68	- 0.10	0.45	25		4	1+		0	0	
TURTLE LAKE	34.7	13.5	24.1	- 1.1	53	23	- 9	3	1259	0	11	31	5	0.79	- 0.02	0.28	24				4	0	0	
UNDERWOOD	32.1	11.2	21.7	- 7.2	51	24	-11	3		0	16	31	5	1.04	0.30	0.39	12		6	12+	4	0	0	
UPHAM 3 N	34.1M	11.3	22.7M		50	23	-16	3	1309	0	11	31	6	0.28		0.07	1+		8	1+	0	0	0	
VELVA	34.0	14.5	24.3	- 1.0	52	23	-11	3+	1257	0	13	31	5	0.58	- 0.01	0.18	24	5.5	2	2+	3	0	0	
WASHBURN	36.2M	13.5	24.9M	- 0.6	54	23	-12	3	1235	0	10	31	5	1.25	0.56	0.38	1	14.7	3	12+	5	0	0	
WESTHOPF	30.8	10.8	20.8	- 1.7	50	23	-17	3	1362	0	17	31	6	0.56	- 0.05	0.27	24	6.5	3	24	3	0	0	
WILLOW CITY	31.2M	9.1M	20.2M	- 0.1	49	23	-22	4	1384	0	15	31	7	0.30	0.44	0.12	24	2.9	7	1+	2	0	0	
WILTON RR STATION	30.7	11.9	21.3	- 3.7	49	24	-11	3		0	17	31	6	1.16	0.39	0.21	24				5	0	0	
WISHEK	35.0	8.7M	21.9M	- 4.2	55	8	-13	4	1340	0	11	31		0.56	0.25	0.15	23				3	0	0	
DIVISION			22.8	- 1.5										0.75	- 0.03			7.9						
WESTERN DIVISION																								
ALMONT 7 SW	33.3	13.4	23.4		55	8	-12	3	1283	0	14	31	7	0.96		0.35	24	12.7	7	28+	3	0	0	
AMIDON	30.4	10.5	20.5	- 7.7	64	11	-14	3		0	21	30	8	1.31	0.56	0.56	12	15.1	9	28+	4	1	0	
BEACH	32.6	9.1	20.9	- 6.7	65	11	-13	4		0	15	30	9	1.55	0.80	0.70	12		8	12+	4	1	0	
BEFIELD	33.7	10.0M	21.9M	- 5.6	64	10	-14	3	1322	0	13	31		2.09	1.28	1.24	12	16.4	13	24+	3	1	1	
BOWRELLS	30.0	10.1M	20.1M	- 1.4	43	10	-20	3		0	17	31	6	0.53	- 0.04	0.17	1		2	2+	3	0	0	
BOWMAN COURT HOUSE	35.0	11.6	23.3	- 5.0	65	10	-12	3	1283	0	13	30	8	1.53	0.85	0.75	11		9	12	3	1	0	
CRDSBY	28.7	12.5	20.6	- 3.2	42	9+	-10	3	1368	0	17	31	5	0.23	- 0.45	0.16	1		2	1+	1	0	0	
OICKINSON CAA AP	30.9	9.6	20.3	- 5.2	64	10	-13	29	1381	0	19	31	9	2.23	1.53	1.02	11	17.5	10	15+	5	2	1	
OICKINSON EXP STA	31.8	8.7	20.3	- 5.2	65	11	-17	14		0	17	31	9	1.31	0.61	0.69	12		10	15	4	1	0	
OUNN CENTER	32.1	6.6	19.4	- 6.6	52	10+	-14	4		0	16	31	12	1.24	0.49	0.59	12	14.7	7	12+	4	1	0	
ELBOWOODS	35.7	10.5	23.1	- 3.1	50	24	-24	4	1293	0	9	31	7	0.50	- 0.03	0.38	12	3.0			1	0	0	
EPPING	32.7	12.4	22.6	- 4.4	48	9	-11	3	1308	0	13	31	7	0.20	- 0.37	0.11	11		7		1	0	0	
GRENDRA	33.0	12.0	22.5	0.1	50	9	-14	3	1312	0	13	31	6	0.51	- 0.17	0.47	11	6.2	6	11+	1	0	0	
HETTINGER	34.2M	11.4M	22.8M	- 6.1	66	10	-13	3	1299	0		30		1.55	0.89	0.57	11	12.0	7	12+	4	1	0	
KENMARE	30.4	10.8	20.6	- 2.6	47	24	-15	3+		0	17	31	6	0.56	- 0.09	0.20	10				4	0	0	
LOSTWOOD 12 N	30.0	8.5	19.3		46	23	-20	3	1408	0	16	31	9	0.37		0.17	1	4.5	4	1+	2	0	0	
MARMARTH	36.3M	13.9M	25.1M	- 3.7	66	10	-12	3	1223	0	12	29	7	1.13	0.40	0.57	12	20.6			4	1	0	
MEDORA 4 NNE	37.0M	11.6M	24.3M		66	10	-16	14	1252	0	12	31		1.58		0.85	11	18.4	8	17+	4	1	0	
MOTT	34.4	9.6	22.0	- 5.6	67	10	-14	14	1324	0	12	31	9	0.86	0.00							0	0	
NEW ENGLAND	32.8M	9.9M	21.4M	- 4.7	62	10	-14	29	1344	0	14	31	7	1.50	0.69	0.84	11		12	12	3	1	0	
NEWTOWN	33.1	14.0	23.6	- 1.2	48	23	-12	3+	1280	0	12	31	4	0.60	0.02	0.13	1	9.7	3	1+	4	0	0	
PARSHALL	33.1	11.7	22.4	- 2.9	49	23	-15	3	1314	0	12	31	8	0.49	- 0.09	0.11	10	3.7	2	12+	2	0	0	
PORTAL	29.4	11.4	20.4	2.0	45	24	-18	3		0	17	31	6	0.40	- 0.21	0.13	1	5.0	3	2+	1	0	0	
POWERS LAKE 1 N	30.7M	10.7M	20.7M	- 4.8	45	23	-19	3	1347	0	15	31		0.30	- 0.40	0.20	1	2.6	2	1+	2	0	0	
RICHARDTON ABREY	33.5	11.5	22.5	- 4.7	60	10	- 9	3	1310	0	12	31	8	1.89	1.17	0.65	11	16.6	8	12+	4	1	0	
STANLEY	31.0	10.8	20.9		47	23	-12	2+	1359	0	13	31	8	0.26	- 0.38	0.15	1	4.0	4	1+	2	0	0	
WATFORD CITY	33.3	13.0	23.2	- 3.0	53	9	-15	3	1290	0	13	31	7	1.32	0.63	0.32	1+	15.5	5	2+	6	0	0	
WATFORD CITY 14 S	35.4M	12.2M	23.8M		56	10	-19	3	1275	0	10	31	8	1.27		0.43	1	11.8	3	11+	5	0	0	
WILLISTON WB CITY	31.5	13.7	22.6	- 3.9	52	9	- 9	3	1309	0	17	31	4	1.02	0.27	0.51	11	9.9	5	12+	4	1	0	
DIVISION			21.9	- 3.9										1.01	0.26			10.5						
STATE			23.0	- 1.7										0.84	0.06			8.3						

NORTH DAKOTA
MARCH 1954

Table 3

[illegible]

DAILY PRECIPITATION

Table 3--Continued

NORTH DAKOTA
MARCH 1954

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ROCKFORD 7 WNW	.78	.17	T					T		T	.23										T	T			.38	T			T		T	
NEW SALEM 1 S	1.28	.25	T					.04			.04	.40	.02								T	T	T		.40	.03	T	.10			T	
NEWTOWN	.60	.13						.02			.10	.08	.11									.01			.11	.02	.02		T	T	T	
NOONAN	.54	.45									.04													.03								
NORTONVILLE	.89	.10								T		.13												.22	.31	.13						
OAKES	1.41	T	.13					T	.02		T	.14	.06		T								.31		.05	.68	T		.01		T	
PARK RIVER	.50	.04	T								.02	.05												.01	.10	.27						
PARSHALL	.49	.09						T			.11	.08	.10	T	T									.02	.08	.01		T	.01	T		
PEWEMA 2 N	.34										.03													.02		.29						
PETERSBURG	.65	.13			T							.06											.02		.14	.26		.04				
PETTIPONE	.74	.12									.01		.05									.01			.15	.28		.11				
PINGREE	.62	.10									.02			T										T	.10	.20						
PORTAL	.40	.13	.04								.08	.09											T	T	T	.03					T	
POWERS LAKE 1 N	.30	.20									.10	T											T	T	T	T			T	T	T	
PRETTY ROCK	1.41	.07	.05					T				.81	.09			.03			T	T		.04		.17	.11	T	T		T	.04	T	
REEDER	1.30										.70	.30													.30			T	T			
REEDER 14 N	.98	T	T						T		T	.04	.70	T									.02	.01	.02	.13			.06	T		
RICHARDSON ARREY	1.89	.05	.06					.01			.06	.65	.42	T	T	.03							.02	.01	T	.38	.05	T	.10	.05	T	
RIVERDALE	.78	.03	.04					.09			.13	.14	T	T										T	.23	T	.05	.07	T			
ROLLA	.91	.35	.03								.10			T	T									.01	.28	.14	T	T	T	T		
RUGBY	.70	.20	T								.05	.02											.02	T	.15	.20		.02	T	.04		
RYDER	.44	.08							T		.14	*	.05												.12	.07	.09					
SAN HAVEN	.35	.09									.03			T									.02	T	.12	.07	.02	T	T	T	T	
SCRANTON	1.44	T						T				.88	.28							T	T		.02	T	.25			.08	.05	T		
SELFRIEGE 11 W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SENTINEL BUTTE 20 S	1.00	.03	T									.55	.19	T	T										.13			.10	T	T	T	
SHARON	.75	.20									.04	.02		T											.18	.31						
SHERWOOD 3 N	.57	.10									.33	.04													.02	.07		.01		T		
SHIELDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STANLEY	.26	.15									.11			T																		
STEELE	.93	.07	T					T			.04	.08	.15		T								.02	T	.38	.14		.05	T			
STKESTON	.99	.15	T								.06														.16	.28	.31					
TAGUS	.53	.12									.93	.02	T	T	T										.03	.01	.01	.01	T	T	T	
TIOGA	.14										.10	.04													T	T	T	T	T	T	T	
TOLLEY 5 NNE	.48	.13									.20														.08	.02	.05					
TOWNER	.66	*	.16									.07															.45		T			
TROTTERS 6 WNW	1.02	.05	T					.02		T		.42	.10			.03									.20	T	.13	.07		T		
TURTLE LAKE	.79	.07	T					.02			.10	T	.10		T										.28	T	T	.18	.04	T		
TUTTLE	.72	.11	T								.07	.02	.05		T										.23	.07	.06	.11				
UNDERWOOD	1.04	.05	.12					.05			.10	T	.39		T										T	.21	.05	.06	.01			
UPHAM 3 N	.28	.07	.02								.05	T		T	T									.01	.01	.07	.05		T			
VALLEY CITY	.94	.12									.08	.03													.12	.32	.20		.15			
VELVA	.58	.12	.02								.08			T	T											.18	.11	.05	.02	T	T	
VERONA	.94																								*	.23	.56	.16				
WAHPETON STATE SCHOOL	.74	T	T								.02	T							.01		.04				.23	.31	.14					
WALHALLA	.56	T			T						.09														T							
WARWICK	.50	.04									.07															.04						
WASHURN	1.25	.38	.04					.05	T		.13	.02	.16													T	.11	.10	T			
WAUTAUGA 5 OAK 8 N	.97	.06	T					T			T	.26	.08		T											.23	.07	.14	.03		T	
WATFORD CITY	1.32	.32	.12					.12			.09	.32	.10			.03										.20	T	.15	T			
WATFORD CITY 14 S	1.27	.43	T					T			.11	.30	.05		T											.15	T	T	.23		T	
WESTHOPE	.54	.15									.10															.27	T		.02			
WILDROSE	.49	.30									.06																.06					
WILLISTON NR CITY	1.02	.12	T					.10	T	T	.08	.51	.12	T	.02	T										T	T	.03	T		.01	T
WILLOW CITY	.30	.06	T								.10	T														.02	T	T	T	T		
WILTON RR STATION	1.14	.20	.05					.04				.14	.20													.21	.08	.20	.04		T	
WISNER	.56	.01										T														.14						
WOODWORTH 5 E	.65	.14							T	T		.12	T							.04						.23		.16	T			
ZAHL	.20	.04	T					T			.03	.04	.02										.03				T	.04	T			T

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
MARCH 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	35	11	15	27	42	45	33	55	47	54	41	26	20	20	31	36	44	39	38	31	36	39	49	36	31	36	25	14	24	21	32	33.3
	MIN	11	-2	-12	-6	10	27	21	19	24	29	26	19	1	-2	12	14	17	29	24	18	27	24	27	27	18	10	9	-2	-5	-3	4	13.4
AMENIA	MAX	33	30	11	19	32	45	38	48	40	39	35	34	26	32	38	44	51	44	41	38	37	43	47	45	33	35	34	17	25	24	31	35.1
	MIN	20	5	-2	-5	1	19	22	16	24	27	28	19	11	10	17	19	33	31	29	18	27	23	30	32	24	9	15	6	3	9	8	17.2
AMIOON	MAX	39	8	5	19	29	39	47	38	53	54	64	31	20	18	20	32	32	31	32	30	31	31	36	39	29	27	38	17	12	22	20	30.4
	MIN	6	-10	-14	-2	7	20	18	17	31	34	29	14	10	-7	7	10	8	20	19	12	22	23	21	25	13	7	6	-5	-8	-7	-2	10.5
ARVILLA STATE PARK	MAX	31	26	12	19	33	45	35	46	42	34	37	31	26	31	41	43	47	44	40	38	38	44	51	44	33	35	32	18	26	22	30	34.6
	MIN	22	2	-3	-6	-1	16	12	13	23	26	23	8	10	10	8	13	30	30	25	14	24	23	27	27	21	2	13	2	5	-2	10	13.8
ASHLEY	MAX	36	25	12	25	38	49	37	57	49	48	42	39	23	30	36	43	55	45	38	39	33	41	53	46	32	33	31	18	26	22	32	36.5
	MIN	23	4	-7	-9	0	21	17	10	17	30	28	18	5	-2	10	14	28	31	25	15	22	25	21	29	20	9	16	6	0	5	5	14.1
BEACH	MAX	40	11	6	22	30	47	45	35	52	55	65	33	28	20	24	34	33	33	32	32	34	36	47	30	31	38	17	16	27	24	32.6	
	MIN	11	-10	-12	-13	-2	6	20	20	32	34	30	18	1	-9	5	7	10	10	20	19	22	25	19	19	13	11	9	-8	-10	-8	-7	9.1
BELCOURT INDIAN RES	MAX	30	17	8	12	25	40	32	41	36	38	32	30	22	29	32	39	39	37	35	35	37	38	45	44	29	32	30	15	24	20	28	30.7
	MIN	15	-6	-13	-31	-22	12	10	6	13	26	22	11	2	-2	7	4	26	25	15	3	24	12	23	27	15	-6	4	-7	-2	-10	7	6.6
BELFIELD	MAX	34	7	18	31	45	45	35	53	55	64	44	28	21	23	31	37	34	37	33	35	39	42	32	37	27	35	36	16	23	19	30	33.7
	MIN	1	-9	-14	-1	3	26	18	18	27	26	26	14	3	-19	12	5	12	22	8	25	17	18	19	22	14	9	16	-12	-8	3	10.0	
BISBEE	MAX	31	6	16	30	40	49	39	40	40	36	32	29	22	30	34	41	42	40	36	35	39	48	41	32	35	31	14	23	20	30	32.0	
	MIN	15	-2	-9	-11	-2	16	14	14	15	30	24	15	5	6	13	18	28	29	19	12	29	19	28	28	17	18	9	0	3	-4	7	13.2
BISMARCK WB AIRPORT	MAX	34	16	11	21	38	44	33	55	43	51	32	27	23	24	29	41	48	43	39	36	35	43	52	39	32	38	30	14	25	22	32	33.9
	MIN	16	-1	-10	-11	-1	24	18	17	24	31	26	11	3	-1	8	10	23	32	23	17	31	25	25	31	20	15	14	0	-2	2	10	13.9
BOTTINEAU	MAX	29	22	8	6	15	26	37	30	41	37	32	33	26	23	25	30	39	41	40	35	33	38	40	48	34	29	35	21	17	24	21	29.5
	MIN	19	-2	-14	-12	-8	-1	10	10	14	17	27	16	4	3	11	15	22	30	19	12	19	16	19	29	17	10	8	-2	0	-7	2	9.8
BOWBELLS	MAX	36	20	6	8	25	40	37	37	40	43	32	30	27	26	25	29	39	34	38	35	35	37	37	42	27	32	31	20	12	25	23	30.0
	MIN	18	0	-20	-18	-8		3	12	20	27	26	14	5	7	14	12	15	21	18	17	25	18	21	25	10	12	7	-1	5	-4	1	10.1
BOWMAN COURT HOUSE	MAX	38	7	20	30	45	49	43	52	57	65	62	28	20	19	34	33	37	33	32	29	31	35	45	40	28	40	36	16	23	23	35	35.0
	MIN	3	-7	-12	-3	5	26	20	18	32	33	27	15	5	-9	5	14	13	27	20	20	26	24	17	27	15	7	9	-2	-5	-7	-2	11.6
BUTTE	MAX	42	27	6	7	20	34	38	40	44	34	30		27	30	45	44	40					37	41	52	34	30	33	20	15	23	20	31.3
	MIN	21	2	-11	-10	0	10	13	19	20	28	19		2			16	20	28	22			14	24	25	16	12	10	-6	-2	-3	2	11.2
CARRINGTON	MAX	42	30	7	5	18	34	39	47	42	36		31	30		30	36	42	47	44	37		43	54	36	29	32		18	22	18		33.3
	MIN	22	0	-11	-12	-10	1	16	20	20	11		5	10			13	15	28	23	13		18	22	29	18	11	10	-3	-5	-6		9.9
CARSON NO 2	MAX	36	25	18	15	27	44	50		56	46	56	32	20	19	23	36	38	39	40	35	32	32	38	50	27	33	38	18	9	28	34	33.3
	MIN	15	-2	-12	-5	-2		12		31	29	18		-3	-1	2	12	20	23	24	18	20	21	23	28	27	10	12	2	-3	-4	8	11.5
CAVALIER	MAX	31	23	9	18	34	46	34	42	40	36	32	29	24	30	37	38	43	43	39	36	36	43	47	44	34	33	30	18	27	23	31	33.2
	MIN	18	9	-3	-5	-2	19	17	18	21	27	19	15	7	10	14	19	29	29	22	15	25	22	30	29	22	9	10	1	7	-1	12	15.0
CENTER	MAX	34	23	9	22	38	41	39	49	43	48	43	28	22	25	30	40	45	43	37	33	33	39	51	49	33	37	34	28	24	21	30	34.5
	MIN	18	2	-16	-23	-16	22	19	11	24	30	27	18	1	-4	7	7	19	31	23	17	28	13	21	20	19	14	17	-4	-6	-8	3	10.8
COOPERSTOWN	MAX	34	27	8	16	31	40	38	45	45	42	33	31	25	31	37	43	52	46	39	38	36	41	49	49	33	35	31	15	23	22	27	34.3
	MIN	26	1	-6	-14	-8	19	19	16		29	27	19	8	5	12	15	31	30	25	16	26	23	29	30	21	8	14	3	-4	-4	3	13.9
CROSBY	MAX	34	3	12	28	37	37	32	36	42	42	31	28	23	23	23	35	34	34	33	31	33	35	37	36	28	28	22	13	17	19	25	28.7
	MIN	3	-3	-10	-6	5	22	17	21	23	31	26	16	6	6	15	10	26	24	16	19	27	15	18	19	13	14	6	-3	3	-2	10	12.5
DEVILS LAKE WB CITY	MAX	28	11	6	17	31	38	30	40	43	34	34	26	22	29	36	45	48	43	34	37	34	40	49	36	31	35	27	15	23	19	29	31.3
	MIN	11	-5	-7	-12	-2	22	18	17	20	29	22	14	7	7	15	17	30	31	19	15	27	19	30	29	15	10	8	2	3	2	9	13.6
DICKINSON CAA AP	MAX	30	7	15	27	44	44	32	52	52	64	32	24	18	19	27	32	33	34	34	37	33	34	43	32	27	36	18	10	22	19	31	30.9
	MIN	0	-7	-11	-3	6	25	19	22	22	30	30	23	10	-3	-11	5	8	27	15	13	27	18	18	22	13	8	8	-5	-13	-5	2	9.6
DICKINSON EXP STATION	MAX	42	14	8	16																												

Table 5-Continued

DAILY TEMPERATURES

NORTH OAKOTA
MARCH 1954

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
GARRISON	MAX	34	29	8	13	23	33	44	32	49	42	40	30	26	24	25	29	44	43	39	38	34	35	41	51	34	32	35	22	17	25	22	32.0	
	MIN	19	3	-10	-10	-6	3	19	17	20	21	28	18	6	5	8	12	16	23	22	17	17	18	18	25	18	17	8	-1	-3	-4	-3	11.0	
GRAFTON STATE SCHOOL	MAX	32	29	10	18	31	44	33	40	37	37	34	30	28	30	35	38	45	46	43	35	38	43	50	47	35	30	30	17	25	22	29	33.6	
	MIN	21	1	-3	-5	0	18	19	17	22	26	21	15	8	10	13	20	29	30	24	16	25	23	30	25	21	10	11	3	6	2	11	15.3	
GRAND FORKS CAA AP	MAX	32	19	11	16	31	44	33	42	38	32	37	28	22	30	40	40	45	44	36	36	38	41	49	38	32	31	29	16	24	21	28	32.4	
	MIN	18	-2	-2	-4	0	20	19	17	23	25	23	17	10	12	13	21	33	31	23	18	26	22	30	32	11	5	4	3	3	1	9	14.9	
GRAND FORKS UNIVERSITY	MAX	32	25	12	17	31	45	34	43	36	32	37	32	26	30	38	39	44	43	40	36	37	42	47	42	37	31	29	17	28	22	30	33.4	
	MIN	24	3	0	-2	2	23	20	26	24	26	26	20	11	13	15	22	36	32	28	19	28	24	30	33	22	8	11	4	3	3	9	17.3	
GRAND RAPIDS 1 N	MAX	36	28	12	22	39	46	36	52	49	41	33	31	25	32	39	51	55	49	42	41	45	42	54	50	33	37	34	25	28	26	35	37.7	
	MIN	27	3	-7	-11	-8	18	22	12	15	29	29	21	8	2	8	13	32	31	29	16	25	25	24	33	24	6	18	6	-1	7	5	14.9	
GRANVILLE	MAX	32	20	11	23	39	41	35	44	46	40	33	31	24	27	30	42	42	41	40	36	42	53	49	34	38	34	20	26	24	33	34.3		
	MIN	18	2	-11	-10	-2	23	18	18	20	30	28	18	8	4	11	25	24	29	15	29	19	28	28	22	14	10	0	5	-4	9	14.3		
GRENDORA	MAX	39	10	16	28	42	42	38	45	50	44	34	28	26	25	25	47	40	36	37	35	36	36	38	36	32	37	32	28	21	21	20	33.0	
	MIN	12	-4	-14	-6	8	22	19	21	24	32	24	16	11	-7	16	7	14	21	12	19	27	15	18	24	15	19	8	-1	1	-3	1	12.0	
HANKINSON RR STATION	MAX	33	35	19	12	18	31	46	36	45	38	34	34	30	26	32	41	44	53	43	41	40	44	39	48	39	32	38	26	20	27	24	34.5	
	MIN	19	11	-3	-4	-4	3	24	18	17	23	29	23	12	11	15	14	17	32	33	20	19	25	28	31	30	11	14	9	8	8	9	16.2	
HANNAH	MAX	26	16	6	17	30	39	30	40	42	35	33	27	21	25	34	38	40	40	34	34	35	40	45	40	33	35	30	15	24	19	32	30.8	
	MIN	15	-3	-9	-14	-6	17	10	13	13	18	19	11	3	2	8	19	21	27	17	8	24	14	23	28	15	5	4	-3	0	-8	4	9.8	
HANSBORO	MAX	30	14	5	18	30	38	31	41	43	33	32	29	21	35	38	40	38	34	36	37	40	48	40	28	34	31	18	24			31	31.6	
	MIN	14	-3	-12	-12	-2	19	13	12	17	29	21	13	4	10	20	27	28	17	9	25	26	25	21	16	5	6	-3	2			5	12.1	
HETTINGER	MAX	30	8	16	29	45	45	38	54	52	66	54	28	18	19	31	36	36	34	29	32	38	37	47	42	28	41	36	14	25	19		34.2	
	MIN	3	-6	-13	-4	4	9	18	19	33	30	27	15	-5	-12	3	15	12	28	19	29	22	20	20	27	16	10	10	1	-3	-6		11.4	
HILLSBORO	MAX	33	30	14	20	32	45	42	45	41	34	36	33	25	31	38	40	46	45	41	36	43	37	47	40	36	33	33	16	23	23	30	34.5	
	MIN	21	3	-1	-3	2	19	23	18	23	26	28	18	10	12	15	19	32	33	29	20	25	30	32	29	23	10	8	2	6	10		17.2	
JAMESTOWN CAA AP	MAX	29	15	7	20	34	43	34	50	48	32	31	26	23	32	37	51	54	45	40	40	36	43	54	35	31	35	31	13	23	20	30	33.6	
	MIN	15	-4	-8	-13	-7	21	16	13	18	28	25	13	7	2	11	12	30	30	20	12	27	20	27	30	13	12	8	4	0	7	8	12.8	
JAMESTOWN STATE HOSP	MAX	34	25	5	18	35	42	33	49	45	39	32	29	23	29	35	49	53	45	39	39	36	47	54	47	32	37	31	15	26	20	32	34.5	
	MIN	25	2	-6	-10	-7	22	23	15	20	30	27	20	9	5	13	16	32	31	26	15	29	23	26	32	20	11	14	5	0	8	6	15.5	
KENMARE	MAX	37	20	7	7	25	38	35	30	41	44	32	30	26	25	25	30	41	32	40	35	35	38	38	47	29	33	36	21	17	26	23	30.4	
	MIN	18	1	-15	-15	-7	8	14	15	23	28	28	15	5	6	15	12	12	25	19	17	17	18	19	25	13	12	7	0	4	-4	-1	10.8	
KENSAL WILDLIFE REFUGE	MAX	36	27	7	20	35	43	34	51	49	36	32	30	25	32	36	49	52	49	40	40	35	45	54	49	32	36	35	16	23	21	28	35.4	
	MIN	24	0	-9	-15	-13	17	19	11	18	29	27	18	6	-1	4	12	27	29	24	10	27	18	21	28	19	9	8	-1	-5	0	3	11.7	
LANGOON EXP FARM	MAX	32	22	10	18	28	39	35	40	39	35	31	28	26	31	33	35	40	40	35	33	35	40	44	40	30	33	28	15	23	18	27	31.1	
	MIN	17	-4	-9	-15	-7	16	10	13	14	29	20	11	2	1	10	21	22	28	18	12	25	13	29	28	17	5	5	-1	2	-4	7	10.8	
LARIMORE	MAX	30	26	10	18	31	44	34	44	43	34	35	30	24	30	38	41	47	43	39	35	36	42	49	43	32	33	31	17	25	22	28	33.4	
	MIN	22	2	-4	-17	0	19	19	16	22	27	24	18	9	8	14	17	30	30	25	17	26	23	26	30	22	5	13	3	3	1	17	15.1	
LEEOS	MAX	34	20	6	15	32	38	30	40	43	38	36	30	24	31	35	43	46	43	36	37	36	40	50	48	33	36	33	17	25	20	30	33.1	
	MIN	20	-1	-12	-14	-4	19	15	16	19	31	27	17	6	4	11	17	29	30	21	13	28	17	29	27	18	10	10	-1	1	-4	8	13.1	
LINTON	MAX	38	27	14	27	39	47	37	58	47	55	46	31	25	28	44	45	58	44	45	38	39	43	56	44	34	37	32	20	28	24	38	38.3	
	MIN	26	5	-9	-12	-3	15	22	32	31	32	14	3	3	-1	16	18	28	34	34	15	18	31	25	20	32	22	11	8	5	1	4	8	14.6
LISBON	MAX	38	30	10	19	33	44	44	50	50	45	32	30	27	33	38	48	53	53	40	40	42	42	51	51	33	40	40	17	27	26	34	37.5	
	MIN	25	5	-6	-10	-5	19	22	14	20	29	30	21	12	8	8	13	33	30	30	15	25	27	28	30	25	18	18	7	4	9	8	16.5	
LOSTWOOD 12 N	MAX	36	8	7	22	35																												

DAILY TEMPERATURES

NORTH OAKOTA
MARCH 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX	34	6	17	29	41	46	32	53	51	62	49	29	18	18	29	33	34	34	33	30	32	37		41	28	39	37	13	25	21	34	32.8
	MIN	5	-6	-11	-8	1	17	21	17	28	28	26	14	2	-14	14	4	11	28	20	13	27	23		27	16	5	9	-1	-14	-5	1	9.9
NEW SALFM 1 S	MAX	34	17	10	22	40	41	30	52	52	50	34	33	32	30				40	36	32	35	41	50	38	32	36	35	15	23	19	30	33.5
	MIN	16	-7	-14	-4	7	27	21	19	27	28	28	12	12	13	1	9		31	22	18	28	24	26	38	19	13	10	-1	-5	-3	3	13.8
NEWTOWN	MAX	36	10	15	23	41	42	33	47	45	44	37	27	25	25	32	40	33	38	37	35	38	38	48	40	32	35	34	18	25	22	30	33.1
	MIN	10	0	-12	-12	0	26	18	16	23	31	27	17	3	1	15	12	24	28	21	20	28	30	24	26	14	19	9	2	2	1	8	14.0
OAKES	MAX	40	31	11	10	20	29	45	34	51	45	35	32	25	25	31	37	52	55	40	42	40	45	39	50	34	28	34	28	16	26	21	33.9
	MIN	28	7	-4	-6	-5	-1	20	12	18	20	29	21	9	6	12	13	16	31	30	16	19	26	26	29	26	4	13	8	3	8	7	14.2
PARK RIVER	MAX	30	27	10	18	32	43	40	41	42	42	35	31	24	31	35	39	45	45	41	35	38	42	48	48	33	32	32	16	23	23	29	33.9
	MIN	21	2	-3	-5	1	19	18	19	21	28	22	17	8	12	11	18	28	30	23	15	25	19	31	26	21	7	11	2	6	-1	10	14.9
PARSHALL	MAX	38	10	14	23	40	42	34	43	44	41	35	28	25	24	31	42	38	39	37	35	36	39	49	42	11	36	34	18	24	23	32	33.1
	MIN	10	-2	-15	-14	-4	21	18	18	20	32	26	18	1	0	13	11	22	27	20	19	27	15	24	23	15	15	8	-2	-2	-4	4	11.7
PEMRINA 2 N	MAX	30	28	7	15	31	41	41	36	36	36	35	34	27	28	34	38	41	42	47	34	36	43	46	46	38	30	30	22	25	25	30	33.1
	MIN	15	-1	-6	-8	-12	15	13	16	11	29	20	10	4	5	6	17	27	29	21	11	24	22	29	29	23	5	4	0	3	-4	7	11.7
PETFRSBURG	MAX	29	25	8	16	29	39	32	40	39	33	33	33	21	29	35	38	45	42	42	34	31	39	48	40	31	31	29	20	22	22	26	31.6
	MIN	25	-1	-7	-10	-7	19	12	15	16	27	20	15	6	3	11	15	23	28	22	15	23	17	26	28	20	6	10	1	0	-3	6	12.3
PETTIBONE	MAX	32	24	5	18	36	39	34	42	50	41	30	27	22	28	34	46	49	45	39	33	33	42	52	50	32	33	31	21	24	21	29	33.6
	MIN	24	0	-11	-14	-5	15	19	11	17	29	26	18	4	-2	11	14	27	31	23	24	29	24	27	31	18	9	12	1	-8	-1	2	12.9
PORTAL	MAX	36	18	6	12	20	39	34	32	38	43	34	30	26	25	27	27	37	30	39	34	36	37	36	45	28	31	38	17	11	23	23	29.4
	MIN	17	-2	-18	-12	-1	10	10	14	22	30	25	15	5	7	15	11	20	24	16	17	25	17	23	25	12	17	7	-2	2	-3	4	11.4
POWERS LAKE 1 N	MAX	34	11		23	38	34	35	40	42	37	29	25	20	20	29	40	32	37	35	34	35	35	45	33	30	35	25	13	23	22	29	30.7
	MIN	-3	-7	-19	-4	4	18	13	16	19	29	25	20	2	11		12	10	23	16	16	26	-15	20	23	15	14	5	-3	2	-3	5	10.7
RICHARDTON ARRFY	MAX	37	9	15	27	42	44	37	52	49	60	46	27	20	18	28	36	38	37	35	34	34	36	45	40	30	37	35	15	23	21	32	33.5
	MIN	8	-5	-9	-5	7	28	19	19	30	29	26	16	2	7	12	7	12	28	20	17	26	15	21	25	14	9	7	-2	-6	-7	0	11.5
RIVFROALE	MAX	36	28	7	12	21	37	43	30	47	42	43	30	25	23	24	28	43	44	38	36	33	36	41	51	32	31	35	19	14	23	21	31.4
	MIN	20	3	-9	-9	-7	5	19	17	20	27	28	17	5	7	10	14	21	25	22	18	20	21	21	24	18	18	8	1	-5	0	5	12.4
ROLLA	MAX	29	11	6	18	25	41	30	43	38	33	31	26	22	27	32	39	40	38	37	35	36	40	46	39	29	34	30	16	22	20	28	30.2
	MIN	9	-9	-11	-11	1	15	11	10	17	28	21	13	3	5	9	16	27	26	11	10	25	18	26	20	15	5	5	-4	-1	-5	5	10.0
RUGBY	MAX	30	20	7	19	32	38	35	42	42	42	33	31	27	27	32	42	45	42	36	37	36	47	50	47	33	36	34	24	26	24	31	33.6
	MIN	20	7	-14	-14	-8	20	14	12	17	31	28	14	3	3	10	15	28	30	18	12	28	20	29	27	20	10	11	0	1	-4	8	12.8
SAN HAVEN	MAX	29	18	9	17	25	40	34	42	39	36	30	30	24	27	31	40	38	37	34	33	36	39	45	45	29	33	30	17	24	22	30	31.1
	MIN	17	-4	-11	-13	-2	18	12	12	15	30	24	13	3	4	9	15	28	27	17	12	25	18	26	28	16	5	-6	-5	-1	-5	3	10.6
SHARON	MAX	30	24	10	11	29	40	33	43	44	34	32	30	23	31	38	42	48	42	38	35	42	40	48	42	32	34	31	15	21	20	26	32.5
	MIN	21	0	-7	-11	-7	20	19	15	17	27	26	12	8	7	13	11	30	30	25	24	22	27	27	30	22	5	12	2	0	1	6	14.0
STANLEY	MAX	36	8	10	25	40	41	34	36	43	35	34	28	28	23	31	41	34	38	33	34	36	37	47	33	30	37	24	8	27	20	30	31.0
	MIN	7	-12	-10	-12	3	21	16	20	21	28	26	25	0	2	14	23	17	25	9	16	26	18	19	23	11	11	-5	-8	0	-3	5	10.8
STEELE	MAX	37	26	10	24	39	46	34	52	45	43	36	29	25	27	36	46	53	48	42	39	37	43	53	52	33	35	34	15	22	24	33	36.1
	MIN	24	3	-10	-9	1	20	20	8	15	29	27	18	3	-1	8	12	25	30	24	13	29	21	22	30	19	10	12	2	-7	-3	4	12.9
TOWNEP	MAX	34	20	6	18	37	40	33	43	42	41	30	32	27	32	34	37	42	40	37	38	39	40	52	44	34	40	33	23	33	23	34	34.3
	MIN	20	1	-6	-15	-7	23	12	21	27	30	30	21	1	18		16	14		19	27	26	28	23	16	22	12		0	-5	11	14.3	
TURTLE LAKE	MAX	35	23	11	23	37	43	37	50	42	42	33	30	26	22	27	43	46	44	43	37	38	42	53	50	34	34	34	19	25	23	31	34.7
	MIN	22	1	-9	-8	2	24	19	16	19	31	27	17	10	8	11	12	23	29	19	14	28	20	25	25	12	18	7	-2	-2	-5	7	13.5
UNDERWOOD	MAX	38	26	12	12	22	38	43	30	42	42	41	31	26	24	28	26	43	44	42	36	34	35	40	51	34	31	25	27	21	24	21	32.1
	MIN	22	2	-11	-10	-6	3	18	14	22	26	27	17	5	4	11	13	16	20	21	16	18	18	20	24	17	14	7	5	-4	-5	2	11.2
UPHAM 3 N	MAX		20	10	21	35	40	35	45	46	37	32	31	24	31	36	36	38	38	36	38	38	41	50	47	33	39	36	21	29	25	34	34.1

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
MARCH 1954

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	SNOWFALL SN ON GND	1.0 1	T 1	1	1	1		0.5				3.7 4	1.0 5	5	5	T 5	4	2	2	1	T	T			3.5 4	T 4	2.0 4	1.0 6	1.0 7	7	7	6	
AMENIA	SNOWFALL SN DN GND	2.0 T	T	T	T						1.0 T	1.0 T										1.0			1.0 T	2.0 1	2.0 1	T	T	T	T		
AMIDON	SNOWFALL SN ON GND	T T	0.5 T	T	T	T	T	0.6 T				1.0 1	5.0 6	1.0 7	T 7	T 7	7	6	0.5 6	6	5	0.2 5	0.3 5	4	1.5 6	1.5 7	1.0 7	2.0 9	T 9	T 9	T 9		
ASHLEY	SNOWFALL SN ON GND	T T	T T					T				0.5 1	T	T								0.7 1	0.5 1		3.0 3	0.5 4	3	2	2	2	1		
BEACH	SNOWFALL SN ON GND	-	-					T	T			8.0 8	-	8	8	-	7	6	5	T 5	5	T 5	1.0 6	5	3	3.0 6	6	0.5 4	2.5 3	0.2 3	T 3		
BELCOURT INDIAN RES	SNOWFALL SN ON GND	-	4	4	4	4	3	3	3	2	2	1	1	1	T	T	T	T	T	T	T	T	T	T	-	-	3	3	T	T	2	T	
BELFIELD	SNOWFALL SN ON GND											11.0 11	0.5 12	0.3 12	0.5 12		12	12	11	11	11	11	11	11	3.0 13	0.6 13	1.3 13	1.3 13	1.3 13	0.5 13	T 13		
BEULAH	SNOWFALL SN ON GND		1.8 2	2	1	T						2.8 3	3	2	1	T									2.0 2	2	1	1	1.0 2	1	1	T	
BISBEE	SNOWFALL SN ON GND	1.0 3	3	3	3	3	2	1			T											T			T	1.0 1	1	1	1	T	1	1	
BISMARCK W8 AP	SNOWFALL SN DN GND WTR EQUIV	0.8 T	T 1	T 1	1	1	T	0.2 T				2.3 3	1.0 3	T 3	0.1 3	0.1 3	3	2	T	T	T	T	T	T	3.2 0.3	0.7 2	T 2	1.1 1	0.3 1	T 1	T 1	T	
BOTTINEAU	SNOWFALL SN ON GND	0.8 4	T 4	4	4	4	4	3	3	2	2	0.5 2	2	2	2	2	2	2	2	2	1	1	0.4 1	T 1	1	0.5 1	1	0.2 1	1	1	1	1	
BOWBELLS	SNOWFALL SN DN GND	1.0 1	1.0 2	2	2	2	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-	-	0.2 T	T	T	T	T	
CARSDN NO 2	SNOWFALL SN ON GND	T T	2.0 2	T 2	T 2	2	2	T	T	1.0 1	T	T	4.0 4	T 4	T 4	T 4	0.5 3	3	T	T	T	T	T	T	1.0 1	1.0 2	T 2	T 2	1.0 2	2	2	2	
CENTER	SNOWFALL SN DN GND	2.0 2	1.0 3	3	3	2	1	-	T	T		2.0 2	3.0 5	5	5	5	3	1	1	T					3.0 3	1.0 4	T 4	1.0 5	1.0 5	5	T 4	3	
CROSBY	SNOWFALL SN ON GND	1.5 2	T 2	1	1	T	T															T			-	-	T	T	T	T	T		
DEVILS LAKE W8 CITY	SNOWFALL SN DN GND	1.4 2	T 2	T 2	2	1	1	T	T	T	1.2 T	T	0.1 T	T	T	T	T	T	T	T	T	0.4 T	T	T	2.2 2	0.2 1	0.1 T	0.1 T	T	T	0.1 T	T	
DICKINSON CAA AP	SNOWFALL SN DN GND	1.0 T	0.1 1	1	1			T				7.5 9	2.0 9	0.6 9	0.1 10	10	9	9	8	0.2 7	0.1 7	0.1 7	7	6	3.3 4	0.2 8	0.2 8	2.1 9	0.2 9	9	9	0.1 9	
DICKINSON EXP STATION	SNOWFALL SN DN GND	T	-	2	2	1	1	T	T	T			-	9	9	9	10	9	8	8	7	6	-	-	5	3	4	4	5	5	5	5	
DUNN CENTER	SNOWFALL SN ON GND	T	1.8 2	2	2	2	T	0.9 1	T			T	6.8 7	T 7	T 6	T 6	6	6	5	5	4	T	T	4	3	1	2.0 3	1.2 2	1.6 4	0.4 4	0.4 4	4	
EDMORE 1 W	SNOWFALL SN ON GND	0.5 4	4	4	4	4	3	3	2	1	1	1	1	1	1	1	T								2.0 2	1	T	T					
ELLEDALE	SNOWFALL SN DN GND	1.2 T	T	T				0.5			T	T	0.9 T	T					T				T		2.0 T	4.0 2	2	2	2	T	T	2	
FARGO W8 AP	SNOWFALL SN DN GND WTR EQUIV	T T	T T	T	T	T	T	T	T	T	0.8 T	T	1	1	1	1	1	T	T			0.8 T	0.5 1		2.0 1	T	0.8 1	0.8 1	0.2 2	1	1	1	
FORT YATES	SNOWFALL SN DN GND	0.7 1	1.0 2	1	1	T	T	T				0.6 1	5.0 5	T 5	3	2	1	T				2.0 1	T		2.0 T	T	1.2 1	T	T	T			
FOXHOLM 7 N	SNOWFALL SN ON GND	-	T	-	-	-	-	-																	1.0 1	1.0 2	-	T		T	T		
FULLERTON	SNOWFALL SN ON GND	2.4 T	T	T	T	T					0.6 T	0.1 T	T	T								0.8 T		1.5 T	8.8 T	-	-	-	-	-	3		
GARRISON	SNOWFALL SN ON GND	0.1	0.4					0.2				T	3.1 2	T 2	T 2	T 1	1					T	T			3.0 3	2	0.5 3	0.5 3	T 3	1		
GRAFTON STATE SCHOOL	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	T	0.4	-	-	-	-	-	-	-	-	-	-	-	T	0.4	-	0.8	-	T	T	T	T	
GRAND FORKS CAA AP	SNOWFALL SN ON GND	T	T	T	T	T	T	T	T	T	0.4 T	T	T	T	T							0.5 T	0.2 T		2.4 T	0.9 3	0.1 3	T	T	T	T	2	
GRAND FORKS UNIVERSITY	SNOWFALL SN ON GND	T	1	T	T	T	T	T	T	T	0.2 T	0.2 T	T	T	T	T	T	T	T	T	T	T	T	T	0.5 1	3.3 4	3	0.4 3	3	3	T	1	1
GRANVILLE	SNOWFALL SN ON GND	1.0 2	T	2	2	2	2	2	1	T	2.0 1	T	1	1	1	1						T			1.0 1	1.0 2	1	1	1	1	1	1	
HANSBORO	SNOWFALL SN ON GND	1.1 1	0.5 1	1	1	1	T	T	T		0.4 T	0.2 T	T	T	T	T					0.4				1.2 1	0.5 1	T	T	T	T	T	T	
HETTINGER	SNOWFALL SN ON GND	1.0 1	T	1	1						3.0 3	4.0 7	T 7	7	7	6	-	4	4	0.5 4	0.5 4	3	3	3	2.0 4	4	3	1.0 4	1.0 4	4	4	4	
JAMESTOWN CAA AP	SNOWFALL SN ON GND	3.5 1	0.2 4	3	3	3	2	T	T	T	0.9 T	0.3 1	T 1	T 1	1	T	T				1.9 T	0.4 2			4.0 T	1.0 4	1.6 3	0.4 3	0.4 3	0.1 2	1		
KENSAL WILDLIFE REFUGE	SNOWFALL SN ON GND	2.0 2	2	2	1	1					1.0 1	T													1.5 1	1.5 2	1	4.0 5	5	5	5	4	
KILLDEER 8 NW	SNOWFALL SN ON GND	3.0 4	4	4	3	2	1	T	1	1		6.0 6	2.0 8	8	8	8	8	7	6	5	5	4	3	3	2.0 5	5	1.0 7	1.0 7	T	T	T	T	
MANDAN EXP STATION	SNOWFALL SN ON GND	0.3 2	1.7 2	1	1	1		T	T			4.0 4	4	3	2	1						T	T	T	1.4 1	2.6 3	T	1.8 3	3	T	1	1	
MAYVILLE	SNOWFALL SN ON GND	0.1 T	T	T	T	T	T	T	T	T	1.0 T	0.1 T	T	T	T	T	T	T	T	T	T	T	0.2 T	0.3 T	4.0 3	2	1.0 2	1.0 2	T	T	1	1	
MC CLUSKY	SNOWFALL SN ON GND	2.0 2	2	2	2	2	1	1	T	T	T	T	1.0 1	1	1	1	T	T					T		2.0 2	2	1	1.0 2	2	2	2	1	

See reference notes following Station Index.

Table 7-CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
MARCH 1954

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MC HENRY 5 N	SNOWFALL SN ON GND	1.0 1	0.2 1	1	1	1	1	1	T	T	0.2 T	0.1 T	T	T	T	T						T	T		T	1.0 1	1	0.3 1	T	1	1	0.1 1	T	1
MEORA 4 NNE	SNOWFALL SN ON GND	0.1 1	1.5 1	T	1			0.5				4.0 4	4.0 8	T	T	1.0 7	6	5	4	4	T	T	0.2 3	2	3.0 5	1.0 5	0.5 3	1.5 4	1.0 5	T	0.1 5	4		
MINOT CAA AP	SNOWFALL SN ON GND	3.6 1	4	4	4	3	2	2	1	1	0.2 T	T	T	T	T	T					T	0.1 T			4.0 4	0.2 2	T	1.0 2	T	0.4 3	T	1	T	4
MINOT EXP STATION	SNOWFALL SN ON GND	5.0 5	5	4	4	4	3	3	1													T			3.0 3	1.0 4	0.5 3	0.5 4	T	0.5 4	4			
MOHALL	SNOWFALL SN ON GND	2.0 2	2	2	2	2	1	1	T	T	3.0 2	T	2	2	2	2	2	1	T	T	T	T			1.0 1	-	1	T	T	T	T	T	T	T
MONTPELIER	SNOWFALL SN ON GND	2.4 2	T	2	2	2	1	T	T		0.3 T	0.3 1	0.2 1	T	T	1	1	1	T			T	0.9 T		1.0 1	2.3 3	2	0.4 2	T	2	2	2	1	
MOTT	SNOWFALL SN ON GND	1.0 1	1	1	1			T				*	7.0 7	-	T	7	6	5	4	4	T	T	4	3	3	*	4.0 6	4	-	2.0 6	6	6	4	
MUNICH 4 SW	SNOWFALL SN ON GND	1.4 1	1	1	1	1					T	0.4 T		T								0.2				2.0 2	-	-	T	0.1	-	-		
NAPOLEON 1 SE	SNOWFALL SN ON GND	T	T	T	T							1.0 1	1.0 2	2	1	T	T					1.0 1	T		2.0 2	1.0 2	1	1	1	1	1	1	1	
OAKES	SNOWFALL SN ON GND		1.0									2.0			T								3.0		-	7.0 1	5	3	-	1	-	T	-	
PARSHALL	SNOWFALL SN ON GND	1.0 1	1	1	1			T	T			0.8 1	1.0 2	T	T	2	1					T	T		0.8 1	0.1 1	T	T	T	T	T	T	T	
PETERSBURG	SNOWFALL SN ON GND	-	2	2	2	2	2	2	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	
PETTIBONE	SNOWFALL SN ON GND	3.0 3	3	3	3	2	1	1				0.5 1	1	1	T	1	1								T	2.0 2	2	1.0 3	3	3	3	3	3	3
PRETTY ROCK	SNOWFALL SN ON GND	1.0 1	1.0 2	1				T				7.0 7	1.0 7	7	7	7	8	7	7	6	5	4	4	4	3	3.0 6	2.0 7	T	7	T	7	7	1.0 8	7
RICHARDTON ABBEY	SNOWFALL SN ON GND	0.6 1	0.6 1	1	1	T	T	0.4 T	T	T		4.5 4	3.5 8	T	T	0.3 8	6	5	3	3	0.1 3	T	0.1 3	2	3.3 5	0.4 5	T	2.0 6	0.8 6	6	6	6	6	
RIVEROALE	SNOWFALL SN ON GND	T	0.5 1	1	1	1	T	1.5 2	1	1		1.0 1	T	T	T	1	1	1	T						3.0 1	1	1	0.5 1	0.5 2	T	T	T	1	
ROLLA	SNOWFALL SN ON GND	4.0 4	T	4	4	4	4	3	3	3	3	1.0 3	3	3	3	3	3	2	1	T	T	T	T	T	3.0 3	1.5 3	T	3	T	3	3	3	3	3
SAN HAVEN	SNOWFALL SN ON GND	1.1 6	6	6	6	6	5	5	4	4	0.3 4	4	4	4	4	4	4	3	2	2	2	2	0.2 1	T	1	1.0 2	1.0 2	2	0.2 2	T	T	2	2	2
SHARON	SNOWFALL SN ON GND	4.0 4	4	4	4	4	3	2	T	T	0.5 1	0.5 1	1	1	T	T	T	T	T	T	T	T	T		1.0 1	3.0 4	3	3	3	3	3	3	3	
STANLEY	SNOWFALL SN ON GND	4.0 4	4	4	4	3									T										T									
UPHAM 3 N	SNOWFALL SN ON GND	3.0 8	1.0 8	-	-	-	-	7	-	6	6	6	6	6	6	0.1 6	-	-	5	4	-	3	0.1 -	2	T	1.0 1	1.0 2	2	2	2	2	2	2	2
VALLEY CITY	SNOWFALL SN ON GND	1.0 -	-	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-	-	-	1.0	-	-	3.0 -	3.0 -	-	1.5	-	-	-	-	
WAMPETON STATE SCHOOL	SNOWFALL SN ON GND	T	T	1	1	1					T	T											T		1	1								
WESTHOPE	SNOWFALL SN ON GND	2.0 2	-	-	-	-	-	-	-	-	0.1 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.0 3	-	-	0.5 2	-	-	-	T	
WILLISTON WB CITY	SNOWFALL SN ON GND WTR EQUIV	1.2 T	T	1	1	1	1	T	1			5.1 5	1.0 5	T	0.2 5	T	4	3	2	2	2	T	T	T	T	0.3 T	T	0.3 T	T	T	0.3 T	T	T	T
WILLOW CITY	SNOWFALL SN ON GND	1.0 7	T	7	7	7	7	6	6	5	5	T	T	5	5	5	5	4	4	4	4	3	3	0.4 3	T	1.5 2	T	2	1	1	1	1	1	

STATION INDEX

NORTH DAKOTA
MARCH 1954

Station	Index No.	County	Drainage ¹	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage ¹	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Adams 7 S	0022	Walsh	10	48 20	98 06	2200	6P	Myron J. Bata	3		Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Alexander	0006	McKenzie	13	47 51	101 38	1500	6P	Arthur J. Bauman	3		Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Albion 7 SW	0136	Morton	12	46 43	101 29	2300	7P	Hogan Ramland	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Albion 7 SW	0189	Dickey	12	48 58	103 28	2050	7P	Soo Line Agent	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Albion 7 SW	0196	Cass	11	47 00	97 13	1600	SS	Virgil L. Gebeke	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Asidon	0209	Slope	11	46 29	103 19	2910	8A	Virginia W. Zundel	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Asidon	0263	Bottineau	12	48 51	101 20	1540	6P	W. B. Wegner	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Ashton State Park	0369	Grand Forks	10	47 56	97 30	2050	6P	Albert Thoren	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Ashtley	0382	McIntosh	8	46 02	99 22	2025	SS	Soo Line Agent	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Ashtley	0402	McHenry	12	47 57	100 32	1615	SS	Raymond E. Weiler	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Balta	0500	Pierce	11	48 10	100 02	1550		F. H. Chidister	3		Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Baltic	0516	McHenry	12	48 30	100 36	1450		Temple K. Roberts	3		Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Beach	0590	GoldenValley	7	46 55	101 11	2812	6A	Beien Tobias	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Belcourt Indian Res.	0626	Wadena	9	48 50	100 45	1960	SP	Turtle Mt. Ind. Ag.	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Belcourt Indian Res.	0639	Stark	4	46 53	103 11	2944	7P	Carl Indarard	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Berthold	0729	Ward	12	48 19	101 44	2080	6P	Joseph S. Cox	3		Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Berthold	0766	Merced	4	47 16	101 47	1780	8A	Mont. Dak. Util. Co.	3	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Bismarck	0796	Towner	2	48 37	99 22	1600	6P	Robert J. Krick	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Bismarck	0814	Burligh	4	46 48	100 48	1570	9A	Closed - - -	3		Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Bismarck NW Airport	0819	Burligh	4	46 46	100 43	1650	6P	W.D. Weather Bureau	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Bismarck 12 NE	0827	Burligh	4	46 51	100 33	1709	SP	KFTH Transmitter	3		Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	N.D. Sch. of Fraty	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Bowling	0961	Burke	12	48 48	102 15	1953	8A	Felix L. Adams	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Bowling	0995	Bowman	12	46 11	103 29	2380	SP	O. R. Hook	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Bowling 11 SE	0998	Bowman	3	46 04	103 19	2810	6P	Bernard L. Domagala	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Bowman 30 NW	1001	Slope	7	46 35	103 31	2505	SP	John H. Hanson	3		Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Breien	1052	Morton	11	46 24	100 56	1720	MID	Frank E. Potter	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Burt 16 N	1124	Stanton	5	47 04	98 49	1572	MID	W. R. Bendrickson	3		Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Burt 16 N	1216	Bettinger	08	46 46	102 48	1540	6P	Jacob Gruber	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Butte	1225	McLean	12	47 50	100 40	1870	9A	Earl R. Ward	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Cando	1288	Towner	2	48 29	99 02	1481	MID	Barry E. Barris	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Carrington	1360	Forster	5	47 27	99 08	1579	7A	Soo Line Agent	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Carson	1365	Grant	4	48 07	98 52	1471	MID	W.D. Weather Bureau	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Carson No. 2	1370	Grant	4	46 25	101 34	2331	7A	Alexander Madison	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Cavalier	1435	Pembina	9	48 48	97 38	1889	6P	Willie Hansen Pico	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Center	1456	Oliver	8	47 07	101 18	2100	7P	Fred L. Beinz	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Colgate	1686	Steele	10	47 14	97 39	1180	6P	John P. Burchill	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Columbia	1696	Burke	12	48 54	102 47	1830	6P	J. C. Adams	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P	Oeland W. Marston	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Courtesy	1816	Stutsman	5	47 13	98 34	1252	SP	G. H. Hanavalt	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Crow	1871	Divide	12	48 54	103 18	1954	6P	Vernon V. Nichols	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Crow	2018	Ridder	4	46 52	99 45	1730	MID	W.D. Weather Bureau	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Devils Lake NW City	2118	Ransom	2	48 07	98 52	1471	MID	W.D. Weather Bureau	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2589	MID	U.S. Civil Aero Adm.	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2640	7A	Dickinson Exp. Sta.	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Dossbrook	2242	Ward	12	48 11	101 53	1700	6P	Fred E. Feldner	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Drake	2270	McHenry	12	48 35	102 09	2025	6P	E. J. Evans	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Dunsmuir	2363	Dunn	6	47 21	102 37	2191	6A	Charles C. Weidner	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Eckman	2472	Bottineau	12	48 39	101 03	1500	7A	Soo Line Agent	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Edley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	M.D. Agri. Exp. Sta.	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Edmore 1 W	2525	Ransom	2	48 25	98 29	1520	3P	Mike Davis	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Edmore 1 W	2529	McLean	12	48 35	102 09	2025	6P	W. C. Adams	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Ellendale	2596	Grant	4	46 21	101 49	2241	6P	Art A. Ealing	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Ellendale	2605	Dickey	5	46 00	98 31	1400	8P	Paul Gress	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Ellendale	2635	Ransom	11	46 36	97 36	2060	7A	Leonard Peterson	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Epping	2725	Williams	8	47 17	103 21	2254	6P	T. Beachler	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Flaxton	2767	Benon	9	47 03	98 46	1650	6P	Lytle O. Perling	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Fairfield	2809	Billings	7	47 11	103 13	2270	6P	John Petryszak	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Fargo NW Airport	2859	Cass	10	46 54	96 48	895	MID	W.D. Weather Bureau	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Farmington	2849	McHenry	12	47 59	98 57	1500	6P	Paul E. Adams	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Flasher	3009	Morton	11	46 27	101 14	1930	8A	George M. Sinclair	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Flaxton	3019	Burke	12	48 54	102 13	1920	6P	Palmer W. Dunbar	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Flores 13 NW	3064	Dickey	5	46 04	98 56	1850	6P	Theodore A. Mirch	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Forness	3117	Sargent	10	46 06	97 39	1240	6P	Art Waterman	2 3 5	7	Medora 23 NW	5818	Billings	7	47 14	103 36	2123			7A Archie E. McAdoo	3
Fort Totten	3207	Stark	4	46 06	100 38	1640	5P	W.D. Weather Bureau	2 3 5	7	Medora 23 NW	5818									

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1946.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

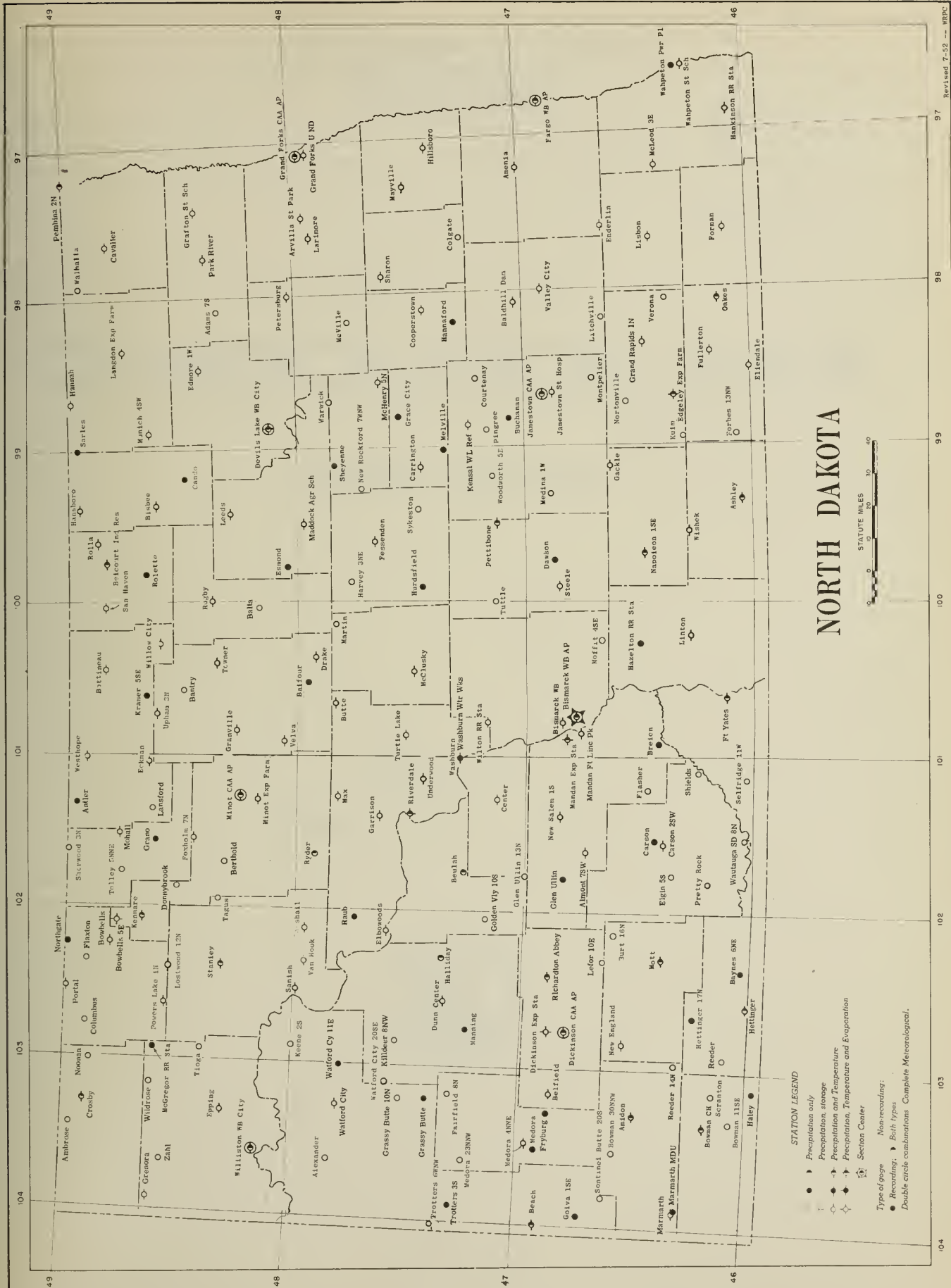
Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- ⊙ Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.
- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
- R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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NORTH DAKOTA

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CLIMATOLOGICAL DATA

NORTH DAKOTA

APRIL 1954

Volume LXIII No. 4



NORTH DAKOTA - APRIL 1954

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

April was characterized largely by two unseasonably cold periods in which temperatures approached and in a few cases broke all-time low records for so late in the season. Coming at the beginning and end of the month they did not seriously hamper farming operations. On the 28th an unusually severe storm of freezing rain struck north-central and northeastern North Dakota principally along the Canadian border, which caused damage which may run to near \$100,000.

The mean temperature for the month was 39.1 degrees which is 2.2 degrees below normal. The eastern division averaged 40.4 degrees which is 0.8 degree below normal; the middle division averaged 38.7 degrees which is 2.6 degrees below normal; and the western division averaged 38.1 degrees which is 3.4 degrees below normal. The highest temperature was 84 degrees recorded at Ellendale on the 13th, and the lowest was 16 degrees below zero at Belcourt on the 3rd. This makes a range of 100 degrees between the highest and lowest temperature for the month. The mean temperature ranged from 44.4 degrees at Wahpeton to 33.6 degrees at Eckman.

Precipitation for the state averaged 1.22 inches which is 0.20 inch below normal. The eastern division averaged 1.63 inches which is 0.08 inch below normal; the middle division averaged 1.22 inches which is 0.11 inch below normal, and the western division averaged 0.81 inch which is 0.40 inch below normal. Walhalla with 3.22 inches reported the greatest amount. The station 20 miles south of Sentinel Butte reported the least with only 0.24 inch for the month. Snowfall ranged from none at several stations to 10.0 inches at Tolley 5 NNE. The average snowfall for the state was 2.3 inches. The greatest amount of precipitation recorded in a single day was 1.42 inches at Walhalla on the 28th. Several stations reported an inch or more of rain on that same day mostly in the counties along the Canadian border. Much of this fell as freezing rain resulting in accumulation of clear ice up to an inch or more thick.

The month opened with a continuation of the unseasonably cold weather that had prevailed at the end of March. Temperatures near the all-time record low occurred at many stations and in a few cases set new records for so late in the spring. Substantial snow cover remained in much of the southwest portion from March snowfall. Some snow also remained in other parts of the state mostly in the north-central sections. The snow did not last long, however. By the second week warm weather set in with temperatures considerably above normal. Field work was started in many areas during this week though it could not really be described as general till after the 15th. The last half of the month had unsettled weather with temperatures below normal on most of the days. It was best described as disagreeable most of the time. The month closed with cold weather with temperatures in a few cases again approaching all-time lows for so late in the season. In spite of the disagreeable weather farming operations made good progress. The most delay was reported across the northern part of the state where precipitation was the heaviest. In these areas the season was a week or more late but in southern sections it was about normal. Livestock came through the month in generally good condition. Pastures were slow in providing good grazing and consequently a considerable amount of yard-feeding was required. Feed supplies on hand were ample. Soil moisture varied considerably over the state being generally the best in the north and poorest in the south-central portion. Topsoil moisture was sufficient in all parts of the state for germination. Subsoil moisture was deficient in the southeast portion of the state and generally adequate elsewhere.

Rather severe dust storms were reported over wide areas of the state on the 10th and 17th with the most severe conditions reported in the north-central and eastern portions of the state on the 17th. Visibility at times was reduced to less than one-fourth mile in some areas. No great amount of damage occurred, however, since seeding was just getting well started. Some scattered reports of property damage were received and a few highway accidents were attributed at least partially to the low visibility caused by unusually heavy blowing dust from plowed fields adjacent to the highway where visibility would be momentarily zero.

On the 28th freezing rain occurred along the Canadian border from Bottineau County through Pembina County and to a lesser degree in parts of McHenry, Ward, western McLean, Renville and Mountrail Counties. The area from Bottineau to Cavalier apparently bore the brunt of the storm. Communications and power lines were badly damaged. Long distance telephone lines in some cases were not restored for several days. Most REA and other lines had power interruptions up to several hours. Several small towns were without power for periods ranging up to three days. Numerous television antennas were broken down. Trees were damaged extensively. Many areas still reported ice on trees on the 1st of May and in a few cases on north sides of buildings ice still clung to projections nearly a week after the storm. Precipitation was reported around an inch at most places in the storm area. To the west the precipitation was mostly snow ranging up to 5 to 10 inches.

A flash flood occurred on the Heart River at Belfield on April 5th. This was due largely to the rapid melting of an estimated 13 inches of snow west of Belfield. The river began rising rapidly in late afternoon and by 11 p.m. had reached its crest. The flood receded rapidly thereafter. Thirty-two homes were flooded, one person injured and damage was estimated at \$15,000. Elsewhere there were no floods reported on any streams in the state.--CJS

SUPPLEMENTAL DATA

NORTH DAKOTA
APRIL 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	WNW	14	13.2	56	W	10	74	78	48	50	5	7	1	0	0	0	13	57	7.4
DEVILS LAKE WB CITY	-	-	11.2	42	NW	17	-	-	-	-	6	6	2	1	0	0	15	54	7.5
FARGO WB AIRPORT	SSE	14	18.6	59	NW	17	73	76	52	55	10	4	4	0	0	0	18	47	7.5
WILLISTON WB CITY	-	-	9.2	34	W	10	70	79	53	49	7	5	0	1	0	0	13	61	7.9

COMPARATIVE DATA

Table 1

APRIL

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall	
1892	37.6	75	- 2	2.65	6.3		1914	40.9	84	2	1.46	2.8		1936	35.6	87	-15	0.39	0.5	
1893	34.3	77	- 8	1.70	7.8		1915	<u>50.3</u>	<u>99</u>	- 5	1.03	T		1937	40.7	79	2	2.02	5.8	
1894	42.8	92	12	3.03	4.4		1916	<u>39.2</u>	79	- 6	1.44	2.9		1938	42.8	90	1	1.09	0.1	
1895	49.8	87	10	2.23	0.0		1917	37.2	73	5	1.68	5.6		1939	41.6	90	- 1	0.87	0.8	
1896	40.1	92	2	<u>3.80</u>	5.1		1918	41.4	81	0	2.18	3.0		1940	37.8	78	- 9	2.22	4.1	
1897	40.8	93	7	1.08	1.1		1919	42.3	79	6	1.52	6.2		1941	44.1	82	- 6	2.30	1.6	
1898	41.9	87	- 4	1.38	0.5		1920	32.1	63	-11	0.84	2.1		1942	44.9	90	- 6	1.96	3.3	
1899	38.0	86	<u>-22</u>	1.36	6.3		1921	41.1	91	- 1	1.77	3.8		1943	44.9	83	-11	1.48	0.1	
1900	49.3	93	11	0.85	T		1922	42.3	89	- 2	0.92	2.3		1944	40.8	77	-11	0.80	0.2	
1901	44.5	92	10	0.98	0.3		1923	38.7	89	-15	1.45	7.2		1945	38.0	80	6	1.10	4.5	
1902	40.2	87	- 2	1.06	2.9		1924	39.3	84	6	2.53	7.5		1946	48.2	87	9	0.67	2.4	
1903	42.5	83	8	1.23	2.7		1925	47.8	85	10	1.60	T		1947	39.9	90	0	1.48	6.8	
1904	37.4	91	2	1.38	8.1		1928	42.8	98	- 4	0.28	0.9		1948	40.3	85	-13	2.15	5.0	
1905	40.2	83	3	0.51	3.7		1927	41.4	95	- 7	1.73	2.3		1949	47.2	96	-5	0.45	T	
1906	46.7	88	8	1.50	1.3		1928	35.9	84	- 6	0.91	5.0		1950	32.6	83	- 9	1.38	<u>9.5</u>	
1907	<u>31.9</u>	80	- 8	0.52	4.2		1929	41.5	85	- 9	1.31	3.4		1951	38.6	84	5	.81	3.1	
1908	<u>43.9</u>	91	-19	1.52	5.9		1930	47.3	86	8	1.25	0.5		1952	48.5	99	8	<u>1.13</u>	0.2	
1909	34.2	80	3	0.77	5.1		1931	44.1	87	3	0.43	0.7		1953	36.3	83	0	<u>2.58</u>	4.8	
1910	48.0	96	4	1.37	2.9		1932	44.1	79	0	2.14	0.7		1954	39.1	84	-16	1.22	2.3	
1911	41.5	90	- 5	1.19	6.3		1933	40.0	84	2	1.33	7.3								
1912	44.4	88	2	2.35	1.7		1934	43.7	95	7	0.44	1.9								
1913	46.8	94	11	0.64	2.4		1935	38.4	83	0	1.93	3.6								

Averages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

TABLE 2

Temperature										Precipitation														
Station	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.	Min.	30° or Above	35° or Below	0° or Below					Total	Max. Depth on Ground	Date	10 or More "	50 or More "	100 or More
EASTERN DIVISION																								
AMENIA	55.0	30.2	42.6	1.0	79	13	- 1	3	665	0	3	16	1	1.25	- 0.50	0.55	21	T	T	1+	3	1	0	
ARVILLA STATE PARK	52.3	26.9	39.6		77	12	- 7	3	756	0	3	20	2	1.89		0.70	21	0.0			5	1	0	
CARRINGTON																								
CAVALIER	49.4	26.4	37.9	- 1.3	72	12	- 3	2+	806	0	3	20	2	2.83	- 1.44	1.20	21+	6.0	6	21	4	2	2	
COOPERSTOWN	53.0	28.6	40.8	- 0.5	75	13	- 4	3	720	0	3	17	2	1.22	- 0.17	0.75	21	T			9	1	0	
DEVILS LAKE WB CITY	48.0	26.9	37.5	- 2.5	74	12	- 3	2	818	0	3	18	2	1.37	- 0.07	0.61	28	4.7	4	21	3	1	0	
EDGELEY EXP FARM	53.8	28.5	41.2	- 1.4	80	14	- 3	3		0	3	16	2	1.16	- 0.59	0.73	21		0		9	1	0	
EDMORE 1 W	48.8	25.9	37.4	- 1.9	75	13	- 4	2+	823	0	3	23	2	1.83	- 0.57	1.00	28	T			3	2	1	
ELLENOALE	58.5	29.7	44.1	1.4	84	13	- 2	3	619	0	3	14	1	1.02	- 0.84	0.35	21	1.2	3	2+	3	0	0	
ENDERLIN	53.0M	28.2	40.6M		79	14	- 2	3		0	3	20	1	1.87		0.67	29				5	1	0	
FARGO WB AP	51.7	30.6	41.2	- 0.9	77	13	1	3	711	0	3	14	0	1.13	- 0.75	0.38	20	0.5	1	1+	4	0	0	
FORMAN	57.4	30.7	44.1	0.1	81	13	1	3	623	0	3	14	0	2.17	- 0.16	0.90	26	T	0		5	2	0	
FULLERTON	56.5	29.7	43.1	0.4	81	13	- 3	3	649	0	2	15	1	1.17	- 0.97	0.82	21	1.0	2	2	2	1	0	
GACKLE	53.3	28.5	40.9	- 1.2	78	13	- 7	3	714	0	3	17	2	1.48	- 0.06	0.40	21	0.8	4	2+	5	0	0	
GRAFTON STATE SCHOOL	51.6	26.1	38.9	- 1.7	75	12	- 4	2	777	0	3	21	2	2.20	0.86	0.92	21				4	2	0	
GRAND FORKS CAA AP	49.4	27.6	38.5	- 2.8	75	12	- 3	3	787	0	3	17	2	1.77	- 0.11	0.65	28	T	2	1	7	1	0	
GRAND FORKS UNIVERSITY	50.6	30.4	40.5	- 0.8	76	12	- 1	2+	726	0	3	13	2	1.96	0.30	0.78	29	T	1	1+	4	2	0	
GRAND RAPIDS 1 N	56.3M	28.7M	42.5M		80	13	- 4	3	668	0	2	20	2	1.24		0.73	21	0.5	1	2	3	1	0	
HANKINSON R R STATION	53.4	29.1	41.3	- 2.2	81	14	3	3		0	3	16	0	1.86	- 0.15	0.79	26	0.5			4	2	0	
HANNAH	46.7	22.9	34.8	- 3.1	70	14	- 7	3	898	0	4	25	3	1.94	- 0.82	1.19	28	3.5	3	21	4	1	1	
HILLSBORO	53.1	30.1	41.6	- 0.6	75	12	- 0	2+	695	0	3	14	2	1.44	- 0.44	0.62	21	T			3	1	0	
JAMESTOWN CAA AP	52.4	28.1	40.3	- 1.4	77	13+	- 6	3	734	0	3	18	2	1.76	- 0.06	0.74	20	1.7	2	2+	5	1	0	
JAMESTOWN STATE HOSP	53.7	28.9	41.3	- 0.4	79	13	- 3	3	705	0	3	14	2	1.34	- 0.36	0.60	21	0.4			5	1	0	
KENSAL WILDLIFE REFUGE	55.2	27.4	41.3		77	12+	- 10	3	702	0	3	20	2	1.39		0.80	21	1.5	4	1+	2	1	0	
LANGMOORE EXP FARM	48.3	23.6	36.0	- 1.6	71	13	- 8	3	865	0	3	26	3	2.45	1.22	1.05	21	8	21		5	2	1	
LARIMORE	51.5	28.1M	39.8M		74	12	- 4	3	754	0	3		2	1.97	- 0.37	0.70	21	0.0			5	1	0	
LISRON	58.2	29.5	43.9	- 1.8	80	13+	- 0	2+	628	0	2	17	2	1.27	- 0.66	0.61	29	T			5	1	0	
MAYVILLE	52.3	29.6	41.0	- 1.5	76	12	- 2	3	715	0	3	16	2	1.30	- 0.25	0.57	21	T	1	1+	4	1	0	

See reference notes following Station Index.

CLIMATOLOGICAL DATA

NORTH DAKOTA
APRIL 1954

TABLE 2 - CONTINUED

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										90° or Above	32° or Below	32° or Above	32° or Below					Total	Max. Depth on Ground	Date	18 or More Inch	50 or More Inch	100 or More
MC HENRY 5 N	50.6	27.1	38.9	- 1.7	74	12	- 7	3	778	0	3	19	2	1.07	- 0.30	0.53	21	2.3	1	1+	4	1	0
MC LF00 3 E	56.3M	29.2M	42.8M	- 0.8	79	13	- 1	3	669	0	3	18	0	1.57	- 0.47	0.65	26	T			5	1	0
MUNICH 4 SW	48.9	24.6	36.8	- 4.9	74	13	- 1	3	840	0	3	22	3	1.68	- 0.95	0.28					2	2	0
OKAFS	53.9	28.4	41.2	- 1.6	81	14	- 2	3						1.25	- 0.62	0.62	29	1.0	1	1+	3	1	0
PARK RIVER	51.0	26.6	38.8	- 1.7	75	12	- 3	2+	779	0	3	21	2	1.67	- 0.35	0.70	21	4.0	4	21	4	2	0
PEMBINA 2 N	51.2	25.0	38.1	- 0.4	70	14+	- 6	3	804	0	3	24	3	2.14	- 0.88			T	0				
PETERSBURG	49.5	25.9M	37.7M	- 0.1	73	12+	- 5	2+	818	0	3	22	2	1.47	- 0.08	0.60	21	6.0	4	21	5	1	0
SHARON	51.1	27.9	39.5	- 0.1	73	12+	- 5	3	758	0	3	15	2	1.87	- 0.39	0.81	21	T	2	1+	5	1	0
VALLEY CITY	55.8	30.6	43.2	0.8	77	14	- 1	3	645	0	3	13	2	0.94	- 0.79	0.70	21	T			1	1	0
WAHPETON STATE SCHOOL	57.3	31.4	44.4	0.2	83	13	- 1	3	612	0	2	14	1	2.19	- 0.11	0.95	26	2.1	1	30	6	2	0
DIVISION			40.4	- 0.8										1.63	- 0.08			1.2					
MIDDLE DIVISION																							
ASHLEY	56.3	28.0	42.2	- 0.2	81	13	- 2	3	678	0	3	18	1	0.96	- 0.65	0.26	28		1	1+	4	0	0
BFLCOURT INDIAN RES	47.4M	21.3M	34.4M	- 0.8	71	12+	- 16	3	913	0	3	28	3	1.96	- 0.70	0.28		T	6	21	5	1	0
RISBEE	47.8	24.6	36.2	- 4.9	73	13	- 4	2+	854	0	3	23	2	1.60	- 0.41	1.02	28		4	21	2	1	1
RISMARCK WB AP	53.7	27.5	40.6	- 2.5	78	13	- 2	3	726	0	3	18	1	0.56	- 0.83	0.32	20	0.9	1	2	1	0	0
ROTTINEAU	45.8	23.3	34.6	- 4.4	72	13+	- 6	3						1.45	- 0.61	0.48	29	1.8	1	1+	4	0	0
RUTTE	50.5M	27.0M	38.8M	- 2.5	75	13+	- 5	3						0.82	- 0.48	0.28	21	3.5	3	1+	4	0	0
CARSON NO 2	53.2M	28.2M	40.7M	- 1.8	77	13	- 0	3	710	0	3	1		0.41	- 0.94	0.26	20	0.5	2	1+	1	0	0
CFNTR	52.4	25.6	39.0	- 3.8	76	13	- 11	3	771	0	3	25	2	0.54	- 0.69	0.18	20		4	2+	2	0	0
ORAKE	49.2	25.5	37.4	- 3.0	75	13	- 3	3						1.19	- 0.07	0.49	21				4	0	0
ECKMAN	45.9	21.3	33.6	- 6.8	74	13+	- 5	1						1.35	- 0.44	0.50	21		5	21	4	0	0
FESSENDOEN	52.3	26.5	39.4	- 1.0	75	13	- 7	3	759	0	3	19	2	1.24	- 0.08	0.79	21	3.0			2	1	0
FORT YATFS	58.0M	30.3M	44.2M	- 0.6	83	13	- 6	2	623	0	2	0		0.51	- 0.84	0.28	20	0.1	7	2	2	0	0
FOXHOLM 7 N	49.7	26.2	38.0	- 2.8	75	12	- 5	3	807	0	5	19	3	1.79	- 0.54	1.14	28		2	28+	3	1	1
GARRISON	49.5	24.1	36.8	- 5.3	74	13+	- 7	3						1.15	- 0.01	0.45	21	3.0	4	2	4	0	0
GRANVILLE	53.8M				77	12	- 5	3						1.64	- 0.75	0.95	28						
HANSBRO	47.0M	23.1M	35.1M	- 3.5	75	14	- 8	3	888	0	5	3		1.24	- 0.01	0.79	28	5.0	3	21	3	1	0
LEEDS	50.5	26.1	38.3	- 0.4	76	12	- 3	3	795	0	3	19	2	1.76	- 0.76	0.28					3	2	0
LINTON	56.5	28.3	42.4	- 0.4	83	13	- 3	2+	672	0	2	18	0	0.73	- 0.55	0.35	20				3	0	0
MAODOCK AGR SCHOOL	51.7	26.0	38.9	- 1.7	73	13	- 5	3	777	0	3	24	3	1.12	- 0.00	0.43	21						
MANOAN EXP STATION	52.3	28.2	40.3	- 2.3	77	14	- 3	3						0.48	- 0.80	0.30	21	1.3	2	2+	2	0	0
MANOAN FT LINCOLN PARK	56.5	27.0	41.8		83	13	- 5	3	689	0	3	20	2	1.52	- 0.25	0.20		0.8	1	2+	2	0	0
MAX														1.68	- 0.43	0.60	28	2.6			6	1	0
MC CLUSKY	51.9	26.2M	39.1M	- 2.0	81	12	- 6	3	786	0	3	18	2	1.55	- 0.31	0.78	21	4.0	1	1+	4	1	0
MINOT CAA AP	47.5	27.0	37.3	- 3.5	75	12	- 5	2	827	0	4	19	2	1.52	- 0.30	0.62	28	3.5	3	21	5	1	0
MINOT EXP STATION	52.8M	26.1	39.5M		75	12	- 5	3	765	0	4	21	2	2.04	- 0.25	0.20					2	1	0
MOFFIT 4 SE	55.0	28.2M	41.6M		80	13	- 5	3	701	0	3	1		0.59	- 0.42	0.21		0.2	2	1+	2	0	0
MOHALL	48.8	24.8	36.8	- 3.6	74	12+	- 5	2	840	0	4	21	3	1.74	- 0.78	0.79	28	8.1	5	28	5	1	0
NAPOLEON 1 SE	54.8	28.7	41.8	- 0.4	80	13	- 5	3	690	0	2	1	2	0.93	- 0.58	0.38	20	1.0	2	2+	3	0	0
NEW SALEM 1 S	52.5	27.3	39.9	- 2.4	77	13	- 4	3	748	0	3	17	2	0.43	- 0.72	0.15	20				2	0	0
PETTITONE	52.4	26.6	39.5	- 1.3	77	14	- 8	3	757	0	3	19	2	1.03	- 0.13	0.62	21	1.0	4	2+	2	0	0
RIVEROALE	48.9	26.2	37.6	- 5.2	76	14	- 5	2						0.85	- 0.48	0.21		3.0	2	2+	2	0	0
ROLLA	46.3	23.3	34.8	- 5.0	72	13	- 8	3	897	0	5	24	3	2.18	- 0.97	1.15	28	6.0	4	21	4	2	1
RUGBY	51.2	26.1M	38.7M		74	12+	- 3	3	787	0	3	18	2	1.31	- 0.32	0.71	28				3	1	0
SAN HAVEN	47.4M	24.9	36.2M	- 3.3	71	12	- 7	3	866	0	4	23	3	1.73	- 0.89	1.06	28		2	1+	3	1	0
STEELE	55.0	27.6	41.3	- 1.4	78	13	- 7	2	704	0	3	16	1	1.01	- 0.17	0.66	21	2.5	3	1+	3	1	0
TOWNER	50.2M	26.0M	38.1M	- 3.7	75	12	- 2	2+	800	0	3	19	3	1.73	- 0.73	0.95	28		0		4	1	0
TURTLE LAKE	53.6	26.7	40.2	- 1.1	76	13	- 6	2	735	0	3	20	2	0.91	- 0.14	0.35	21				5	0	0
UNDERWOOD	49.4	25.3	37.4	- 6.4	75	14	- 6	2						0.72	- 0.35	0.37	21	5.8	7	2+	3	0	0
UPHAM 3 N	51.9	25.2	38.6		77	12+	- 4	2	786	0	3	24	3	1.64	- 0.22	1.10	28		T		2	1+	3
VELVA	51.9	27.6	39.8	- 1.6	75	12+	- 3	3	748	0	3	17	2	1.91	- 0.82	0.99	28	5.0	2	1+	3	2	0
WASHBURN	56.1	26.9	41.5	- 1.8	76	12+	- 4	2	698	0	3	19	2	0.85	- 0.22	0.36	21	2.0	2		4	0	0
WESTHOPF	47.7	22.9	35.3	- 4.6	75	12+	- 6	2	885	0	3	25	3	2.01	- 1.14	0.80	28	5.0			5	1	0
WILLOW CITY	48.6	24.5	36.6	- 3.0	75	13	- 6	3	845	0	3	22	3	1.67	- 0.71	1.05	28	1.0	1	1+	4	1	1
WILTON RR STATION	53.1M	26.4	39.8M	- 2.4	75	13	- 4	3	713	0	3	20	2	0.77	- 0.35	0.30	20				2	0	0
WISHEK	55.2	25.6	40.4	- 1.1	78	13	- 9	3	731	0	2	22	1	1.06	- 0.34	0.41	21				3	0	0
DIVISION			38.7	- 2.6										1.22	- 0.11			2.6					
WESTERN DIVISION																							
ALMONT 7 SW	53.1	28.1M	40.6M		77	13	- 4	3	727	0	3	17	2	0.55	- 0.50	0.29	20	2.5	8	2+	1	0	0
AMIOON	50.6	25.6	38.1	- 3.3																			

DAILY PRECIPITATION

NORTH DAKOTA
APRIL 1954

Table 3

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADAMS 7 S	1.64		.01					.07	T						.01						.02	.44				.01	.07	.01	.65	.40			
ALFANDER	.98	.14	.08				T			T												.01					.04			.71	T		
ALMONT 7 SW	.59	.06	.05				.08														.29	.34								.03	T		
AMHURSE	1.20	.02	T				.03														.46	.28		T	T			.02	.23	.16			
AMENIA	1.25	T						.06								.14						.55				.04	.01		.05	.40			
AMIDON	.82	T	.15	.05	.07		.20											T	T			.20						T		.05	.10		
ARVILLA STATE PARK	1.89							.23								.34						.70		.03		T	T		.16	.43			
ASHLEY	.96			.02				.17													.05	.24						T	.26	.18			
BALTA	1.64	T					.20														.02	.43		.09		.03	T		.81	.01			
BANTRY	1.82							.16													T	.42				.03	.07	T	.80	.34			
BEACH	.83	.05	.07	.02			.18	.01	T										.01			.06	.47		.10	.01	.05	.03	.01	.27	.14		
BEACOURT INDIAN RES	1.96		.07				.13				.01											.12							.70	.27			
BEFIELD	1.04	.03	.08				.54								T	T					T						.05	.03	.01	.24	.03		
BEHOLD	1.58	.05	T				.10															.16	.50		.01					.76			
BEHLAM	.55	.03	.04				.05															.23							.20				
BISBEE	1.80			T				T								.06					.05	.43		.04					1.02				
BISMARCK WR AP	.56	.05	.04	T			.05	T								.01						.32	.07				.05	T		.02	T		
BISMARCK 12 ENE	.81	T	.75				T									T						.15	.35				.03			.03	T		
BOTTINEAU	1.45		T		.02			.18	.01													.27				.01	.02		.08	.18	.48		
BOWWELLS	1.10							.11														.19	.36		.04	.02		.04	T	.36			
BOWMAN COURT HOUSE	.43	T					.11														T	.30							T				
BOWMAN 11 SE	.48	.01	T	.01			.06														.01	.39								.05			
BOWMAN 30 NW	.37				.05		.07															.14											
BURT 16 N	.52	.01	T				.11															.35	.07						.03				
BUTTE	.82		T													.02						.06	.28		.11		.01	T	.23	.11			
CARRINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CARSON NO 2	.41	.02	.06	.02	.03																.26	.02							T				
CAVALIER	2.83	T		T			.05				.03					.11					T	1.20			.04		.07		1.20	.13			
CENTER	.54	.02	.07	T			.06															.18	.16							.05			
COLGATE	1.20							.03														T	.63					.12		.13	.25		
COLUMBUS	.66	T														.04						.67	.30						.25				
COOPERSTOWN	1.22	T	T				.09									.19						T	.75					T		.19			
COURTENAY	.91			T													.05					.02	.84							T			
CROSSBY	.94	.01	T				T					T										.05	.41					T	.15	.30	.02		
DEVILS LAKE WR CITY	1.37	.02	T	T			.07	T		.04						.04						.24	.33				.01	T	.01	.61	T		
DICKINSON CAA AP	.91	.13	.11	.28	.10	.03		.05	.01												T	.15	T						.11	T			
DICKINSON EXP STATION	.49	T	.11	T																		.13							.04	.15	T		
DOHNRHOCK	1.25	.01	T					.16													.12	T							.61	.10			
DRAKE	1.19	.03						.07														T				.03				.20	.15		
DUNN CENTER	.77	T	.15	T	.05	.03	.07															T	.06			.03	.01			.22	.19		
ECKMAN	1.35	T					.10	T														.50		.05					.40	.30			
EDGELEY EXP FARM	1.16	.02					.07										.01					.07	.79					T					
EDMORE 1 W	1.83						.06					.12										.65						T	T	1.00			
ELBOWOODS	-			.02																		-							.90				
ELGIN 5 S	.27	T	T	T	.05	T																T	.22	T					T	T			
ELLENDALE	1.02	.03	.05																			.25	.35				.01	.02		.01	.25	.05	
ENDERLIN	1.87	.07						.13	T							.20						.30	.45						.05	.67			
EPPING	.55	T																			.11	.03							.41				
FAIRFIELD	.34	.06	T	.02			.03															T	T							.23			
FARGO WR AP	1.13	.02	T		T	.05	T	T														.38	T	T	T		.73	.11	T	.08	.25	.01	
FESSENDEN	1.24	.02					.08	.07								.01						.06	.79						.21				
FLASHER	.30	.05		.01	.01																	.74							.06				
FLAXTON	.65	T					.05	T														.15	.24						.23	.01			
FORRES 13 NW	.68	T																				.30	.09	T					.03	.25	.01		
FORMAN	2.17	T					.12															.22	.27	T			.90		.66	T			
FORT YATES	.51	T	.02				T	T														.28	T						.21	T			
FOXHOLM 7 N	1.79	T	T	T			.08															T											
FULLERTON	1.17	.03	.07				.03															.12	.32		.09		.04	T	T	1.14	T		
GACKLE	1.44	T	.09				.02	.09														.82								.13	.15		
GARRISON	1.15	.10					.04															.35	.40				.03		.28	.78			
GLEN ULLIN 13 N	.59	.03		</																													

DAILY PRECIPITATION

NORTH DAKOTA
APRIL 1954

Table 3--Continued

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ROCKFORD 7 WNW	1.53						T	.10													T	1.13				T			.30				
NEW SALEM 1 S	.43	.04	.05	T			.10								T						.15	.05							.04	T			
NEWTOWN	1.37	.04	.02	T			.08														.05	.33						T	.85				
NOONAN	.87																					.20							.30	T			
NORTONVILLE	1.16																				.08	.85		.32					.05		.23		
OAKES	1.25		.10					.08								.04					.02	.33					.05	T	.01	.62			
PARK RIVER	1.67							.06							.18							.70		.08		T			.40	.15			
PARSHALL	1.07	T	.05	T			.09								T						.10	.15		T		.03	T	T	.65				
PENNINGTON 7 N	2.14						.07			T					.06							.62		.08	T					.20			
PETERSBURG	1.47		.02					.12			T					.15					T	.60					.07		.29	.27			
PETTIBONE	1.03		.10				.02				.06										.09	.62					.01		.07				
PINGREE	1.46		.10				T									.37					T	.75					.07		.14	.03			
PORTAL	.53						T	T							.03					T		.48	T					T	T	.07	.08		
POWERS LAKE 1 N	.68	T	T	T			.15	T												T	T	.13	.27					T		.18			
PRETTY ROCK	.32	T	T																	T	.28	T		T			.04	T	T				
REEDER	.55		T	T		.10	.10														.35												
REEDER 14 N	.53						.20	.05						.03								.25							T				
RICHARDSON ABBEY	.47	.04	.11	.01			.08								T						.12	.03							.08	T			
RIVERDALE	.85		.06		.02		.13	.08			T										.03	.48						T		.08	.10		
ROLLA	2.18	T					.13	T							.02	T					.14	.62		.05	T		.05	T	.02	1.15	T		
RUGBY	1.31	T	.02	.01			.07														.04	.33		.03		.11			.71	.03			
RYDER	1.11		.04	T			.05															.26							.76	T			
SAN HAVEN	1.73		T	T			.18	T		T					.04						.03	.28		.07		.07			1.06	T			
SCRANTON	.33	T	T		T		T														.33	T							T				
SELFRIEGE 11 W	.40	T	.02		.02		T								T					T	T	.02	.08					.03	.23				
SENTINEL BUTTE 20 S	.74	T	.04	.02			T													T	.18								T				
SHARON	1.87	T					.15								T	.25					T	.81				T	.07		.16	.48			
SHERWOOD 3 N	1.58	T		.03			.24								T	.26					.12	.26		.05		.15		.03	.70	T			
SHIELDS	-	-	-																														
STANLEY	1.17	T		.05			.09														.31	.26				T	T		.41	T			
STEELE	1.01	.02	.10				.04	T							T	.04					.17	.66							.03				
SYKESTON	1.21	T	.09	T			.05			.03					T						T	.87					.03		.19				
TAGUS	1.19	T		.03			.10				T										.10	.35			T				.61				
TIOGA	.64		T																		.17	.12							.35				
TOLLEY 5 NNE	1.58	T	T	T			.20														.22	.35		.17		.09			.60				
TOLENER	1.73							.14								.05						.38		.03		.15			.95	.03			
TROTTERS 6 WNW	.63	.09	.06	T	.10	T	.07													T	T	T	T	.02					.31	T			
TURTLE LAKE	.91	.03	.12	T			.15								T						.11	.35							.10				
TUTTLE	.88	T	.02	T			.04								T	T					.06	.55				.11			.07				
UNDERWOOD	.72		.11		T			.10													.04	.37	.02						.07	.01			
UPHAM 3 N	1.64	T		T			.16	T		T					.01						.07	.15		.01	.01		.08	.02	1.10	.02	.01		
VALLEY CITY	.94		.03				.09														.01	.70							.02	.07			
VELVA	1.91	.02	.01				.12	T							.03						.09	.60				.04			.90	.01			
VERONA	1.36						.06														.20	.58							.42	T			
WAMPETON STATE SCHOOL	2.19	T	.01		.02		.20									.02					.13	.50				T	.95		.19	.17			
WALHALLA	3.22		T	T			T									.03					T	1.25					.20		1.42	.32			
WARWICK	1.11	T	.01					.03			.02											.65					T	T		.28	.02		
WASHBURN	.85	T	.11				.11	T							.01	.10					.00	.36		.03					.14				
WATAUGA 5 OAK B N	.52	.06		T																	.25					.00	.12		.72				
WATFORD CITY	1.17	.18	.08				.05															.14											
WATFORD CITY 14 S	.93	.01	.04				.02																										
WESTHOPE	2.01		T	T			.17														T							T	.86				
WILOROSE	1.10																				.36	.48				.20			.80				
WILLISTON WA CITY	R//.11	.07	T	T			.03								T						.14	.34							.54	.08	T		
WILLOW CITY	1.67	T		T			.16				.03				.09						.09	.11			T				1.05	.04			
WILTON RR STATION	.77	.03	.07				.07														.30	.19							.09	.01			
WISHEK	1.06			.06												.07					.09	.41	T				T		.27	.16	T		
WOODWORTH 5 E	1.10		.11				.03														T	.90							.06				
ZAHL	.57		.02	T			T														.10	.12	.01				T	.13	.19	T			

DAILY TEMPERATURES

NORTH DAKOTA
APRIL 1954

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX MIN	28 4	16 -2	22 -4	53 19	60 39	59 37	41 23	56 21	67 32	53 29	57 32	74 37	77 40	67 47	54 35	67 27	57 42	54 35	50 24	47 36	39 29	48 25	67 35	57 35	55 40	56 39	70 34	58 43	38 23	45 13	53.1 28.1	
AMENIA	MAX MIN	30 10	18 1	24 -1	54 20	61 31	61 32	59 28	46 16	66 37	62 35	53 29	76 31	79 40	75 46	66 40	57 28	56 38	55 32	54 28	55 34	48 34	46 26	62 37	59 36	62 34	53 39	55 41	61 43	59 31	40 29	55.0 30.2	
AMIDON	MAX MIN	32 7	30 -2	18 -3	38 10	51 35	56 32	47 21	34 11	57 32	56 26	49 23	59 31	72 40	71 48	63 30	52 26	66 48	48 30	46 22	41 26	38 24	56 29	63 22	56 36	66 34	59 31	76 43	35 18	35 13	50.6 25.6		
ARVILLA STATE PARK	MAX MIN	28 6	16 -2	24 -7	56 19	63 30	58 28	49 25	47 11	68 33	61 35	52 27	77 29	70 41	72 41	66 31	57 28	52 34	50 32	53 25	51 25	46 31	47 19	62 34	61 35	49 27	49 38	54 36	52 41	40 30	39 27	52.3 26.9	
ASHLEY	MAX MIN	29 12	16 2	21 -2	56 17	70 35	69 30	59 24	53 17	71 37	69 28	55 28	72 34	81 37	79 41	70 35	64 24	59 40	52 29	51 20	45 34	42 32	47 23	72 33	62 30	58 32	54 38	56 44	68 26	49 25	56.3 28.0		
BEACH	MAX MIN	35 3	23 1	14 -1	35 12	53 35	61 35	49 23	36 21	56 30	55 28	49 30	60 38	73 39	72 43	63 33	53 25	67 28	50 21	48 25	46 28	42 26	57 27	60 21	56 27	67 36	60 35	69 22	29 18	28 17	50.5 25.0		
BELCOURT INDIAN RES	MAX MIN	26 -6	11 -8	16 -16	54 11	60 25	55 31	36 20	42 27	63 33	54 25	51 21	71 29	71 30	69 37	61 32	55 26	52 33	45 28	39 19	33 22	40 10	55 31	52 32	47 30	45 32	46 22			32 12	47.4 21.3		
BELFIELD	MAX MIN	21 7	17 -3	28 -5	52 20	60 34	56 40	42 19	46 22	59 34	59 29	60 24	73 34	74 37	64 44	52 34	65 20	62 37	53 29	49 18	42 34	40 21	46 30	57 20	61 28	66 31	73 35	49 25	32 17	43 14	52.2 25.1		
BISBEE	MAX MIN	29 1	13 -4	19 -4	55 14	60 30	40 21	39 21	49 18	61 28	54 29	57 23	72 32	73 38	70 40	52 34	57 22	50 39	48 28	49 19	42 28	35 26	42 18	59 33	48 33	48 33	51 32	47 28	34 25	34 21	47.8 24.6		
BISMARCK WB AP	MAX MIN	25 10	14 1	22 -2	59 21	66 30	63 31	39 22	56 17	71 29	56 30	58 25	76 34	78 33	74 42	52 36	66 26	59 54	54 27	51 24	49 35	39 27	48 26	68 38	57 33	55 40	68 35	50 25	41 20	44 22	53.7 27.5		
BOTTINEAU	MAX MIN	31 -1	12 -5	13 -6	36 5	56 31	62 26	40 18	27 15	48 26	62 29	45 26	53 28	72 35	72 35	67 40	44 22	58 33	50 23	47 17	47 27	38 26	38 19	46 29	58 32	50 34	41 34	49 31	47 31	32 20	45.8 23.3		
BOWBELLS	MAX MIN	31 1	9 -5	12 -5	55 34	61 29	50 16	31 16	51 28	51 23	60 22	44 33	57 33	73 37	71 41	66 29	47 25	61 33	51 29	46 20	47 27	35 26	35 24	48 30	55 29	50 35	39 35	54 27	37 15	29 7	46.0 24.1		
BOWMAN COURT HOUSE	MAX MIN	35 9	35 1	29 9	52 23	56 33	53 31	45 23	60 25	60 34	52 27	59 32	71 32	73 39	70 46	54 32	66 25	65 38	49 20	46 33	40 27	42 26	57 24	64 32	57 23	69 40	65 36	77 35	69 26	38 20	42 15	55.0 27.1	
BUTTE	MAX MIN	30 3	12 -3		56 23	63 33	58 23	30 12	52 22				68	75 43	75 45	65 34	47 27	60 38		53 22	50 34	43 29	35 23	47 29	63 32	53 36	46 35	50 34	63 32	34 23	35 18	50.5 27.0	
CARRINGTON	MAX MIN																																
CARSON NO 2	MAX MIN	35 6	18 3	15 0	32 32	58 32		36 24	59 22	68 33	53 28	59 25	75 38	77 37	71 48	58 34	65 25	64 42	52 31	50 22	49 35	40 30	49 22	68 35	59 28	55 39	70 39	65 32	40 24	43 17	53.2 28.2		
CAVALIER	MAX MIN	30 2	16 -3	22 -3	59 19	63 29	49 27	40 20	46 13	59 31	56 36	51 25	72 34	69 35	70 42	62 34	55 35	54 36	48 30	51 26	50 27	43 30	39 15	52 33	53 33	48 32	47 33	50 32	38 29	40 26	49.4 26.4		
CENTER	MAX MIN	27 5	14 -3	21 -11	54 17	63 32	59 30	44 22	55 20	68 26	53 25	56 25	73 30	76 32	68 41	56 32	68 28	56 41	53 30	52 28	47 30	40 32	47 30	58 32	56 33	68 32	58 39	37 32	40 25	40 19	52.4 25.6		
COOPERSTOWN	MAX MIN	26 3	13 -2	22 -4	53 16	63 34	59 32	50 26	46 16	69 35	67 31	51 27	74 32	75 37	72 47	70 38	55 26	55 41	51 28	50 23	46 36	46 32	62 26	62 36	51 35	48 37	54 40	59 43	31 28	39 25	53.0 28.6		
CROSBY	MAX MIN	25 0	9 -7	23 -3	52 20	55 30	55 29	49 20	53 21	53 31	52 30	64 21	64 30	65 38	65 40	51 30	64 24	63 37	48 31	45 23	35 26	35 24	50 25	50 32	48 26	46 36	41 31	34 23	30 15	30 5	45.9 23.8		
DEVILS LAKE WB CITY	MAX MIN	23 3	13 -3	20 -1	57 18	61 34	48 29	37 19	46 17	64 30	50 33	52 25	74 37	72 42	71 42	45 32	56 26	53 33	48 22	43 33	33 26	44 26	62 26	50 26	45 33	49 34	57 35	45 28	36 26	37 23	48.0 26.9		
DICKINSON CAA AP	MAX MIN	18 6	14 -4	28 -4	45 26	53 34	48 30	33 22	55 25	56 30	48 28	58 25	71 37	72 37	63 37	52 29	65 25	55 32	51 25	42 21	39 25	53 28	63 35	55 35	61 36	60 35	72 35	44 24	33 20	42 16	50.0 25.3		
DICKINSON EXP STATION	MAX MIN	32 5	18 -2	14 -4	52 11	50 32	55 33	52 22	39 17	57 30	59 33	60 25	72 33	73 33	64 45	64 34	65 24	52 37	51 22	45 19	35 32	59 25	55 32	62 21	55 35	62 35	59 35	73 31	34 21	34 15	50.7 25.2		
DRAKE	MAX MIN	30 3	12 -1	15 -3	43 0	57 26	64 30	54 25	30 20	54 24	68 32	51 22	55 30	75 41	73 44	68 33	64 26	62 45	55 30	51 22	43 30	37 25	46 29	62 34	53 35	47 34	48 35	60 34	34 24	36 20	49.2 25.5		
DUNN CENTER	MAX MIN	30 2	9 -8	14 -7	39 5	51 30	58 31	53 20	35 20	55 25	63 26	51 23	58 30	73 34	73 45	68 30	54 24	66 41	55 25	50 21	52 25	43 27	40 21	53 26	62 31	55 29	55 34	59 35	69 31	32 21	32 15	50.2 22.4	
ECKMAN	MAX MIN	32 -5	14 -4	15 -4	20 1	58 19	63 28	42 21	30 19	50 25	54 20	43 18	56 26	74 34	74 35	30 32	41 22	62 33	50 28	48 17	50 27	38 25	48 20	50 25	44 30	45 29	50 30	52 28	32 19	32 15	45.9 21.3		
EDGELEY EXP FARM	MAX MIN	35 10	20 -1	11 -3	26 8	52 25	65 34	68 28	38 17	51 25	70 33	58 30	72 32	75 44	80 43	76 38	52 25	63 44	62 38	62 37	57 25	53 36	49 36	42 31	48 33	72 31	56 34	58 39	55 40	65 32	43 27	53.8 28.5	
EDMORE 1 W	MAX MIN	29 2	14 -4	21 -4	55 18	61 32	53 29	37 22	47 17	59 31	59 33	72 27	75 37	72 40	56 36	55 37	52 25	49 35	49 21	44 25	41 29	42 17	59 31	50 32	44 31	50 34	51 37	49 32	34 27	36 22	48.8 25.9		
ELBOWWOODS	MAX MIN	32 8	12 -5	30 0	58 23	62 35	56 30	48 21	58 20	64 26	53 27	76 22	78 36	68 36	54 25	66 48	51 34	52 24	45 37	40 26	55 28	62 38	55 28	68 33	55 33								

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Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX MIN	30 5	13 -6	15 -7	29 4	56 28	64 32	55 21	33 20	54 22	64 28	50 19	56 31	74 38	74 41	67 32	51 25	65 26	54 30	50 20	52 26	42 28	36 26	48 29	63 29	53 33	48 37	53 34	65 31	35 23	35 19	49.5 24.1	
GRAFTON STATE SCHOOL	MAX MIN	29 4	16 -4	21 -3	59 19	65 30	63 28	46 21	43 11	60 32	58 31	51 26	75 33	74 33	70 35	63 40	55 28	53 30	51 32	51 23	50 25	46 30	44 16	67 33	58 32	47 32	47 30	56 37	53 32	37 29	39 76	51.6 26.1	
GRANO FORKS CAA AP	MAX MIN	25 6	15 -2	24 -3	51 20	57 32	54 30	35 17	43 14	67 35	55 35	50 28	75 33	69 38	72 37	53 31	55 27	53 36	50 31	51 24	50 34	39 27	47 22	58 37	51 34	48 33	55 38	55 40	37 34	37 29	49.4 27.6		
GRANO FORKS UNIVERSITY	MAX MIN	24 7	16 -1	27 -1	51 22	56 35	54 31	48 24	43 21	67 36	56 36	50 29	76 35	69 41	70 39	63 39	55 29	55 39	51 32	52 29	50 41	46 26	45 25	58 33	57 33	51 29	47 31	55 31	55 39	38 40	38 31	50.6 30.4	
GRANO RAPIOS 1 N	MAX MIN	35 11	16 0	23 -4	51 17	64 32	66 29	60 28			55 31	58 29	76 28	80 35	76 45	68 39	61 25	60 39	55 32	54 21	53 36	43 34	51 29	67 31	64 31	58 31	55 39	57 40	65 43	64 29	40 26	56.3 28.7	
GRANVILLE	MAX MIN	30 2	14 -3	24 -5	59 34	64 34	60 29	46 24		70				57 30	77 39	75 42	73 42	56 37	67 30	60 43	52 36	51		62				57 40	55 37	42 25	53.8		
GRENOIRA	MAX MIN	23 1	13 -6	36 -12	52 22	60 28	51 33	58 15	56 22	57 32	50 29	54 30	70 31	63 36	64 42	53 31	63 23	65 39	60 31	48 23	43 34	39 27	56 27	51 35	52 32	56 36	56 33	61 22	41 21	33 16	33 22	49.6 24.9	
HANKINSON R R STATION	MAX MIN	33 10	25 4	17 3	23 7	51 20	69 34	67 33	41 17	49 32	67 36	60 35	54 30	73 36	81 47	78 44	50 28	57 33	61 35	56 27	55 29	53 40	46 26	51 30	62 39	57 35	64 40	47 32	61 39	41 32	43 31	53.4 29.1	
HANNAH	MAX MIN	24 -1	11 -6	27 -7	56 16	62 29	46 24	35 17	46 14	63 27	51 30	50 22	69 32	67 31	70 34	59 33	54 23	48 33	45 28	47 20	45 25	36 27	40 10	56 30	50 39	46 29	45 34	44 39	43 28	32 19	34 24	46.7 22.9	
HANSBORO	MAX MIN	26 -1	11 -5	18 -8	57 15	63 28	55 35	35 15	62 26					53 23	72 31	70 31	75 38	49 34	57 26	49 20	48 26	43 25	32 14	51 33	56 32	45 35	47 30	43 20	31 24	33 15	47.0 23.1		
HETTINGER	MAX MIN	35 12	31 3	28 7	57 21	58 32	58 35	43 24	61 25	62 32				74 33	76 39	65 46	55 25	66 41	63 31	45 21	39 33	40 29	52 26	66 33	56 25	59 40	60 39	72 34	61 40	41 22	43 17	54.0 28.1	
HILLSBORO	MAX MIN	28 8	17 0	24 0	51 19	57 32	57 30	54 29	43 16	65 35	58 26	61 29	75 36	71 38	72 42	65 40	55 29	55 39	53 35	53 25	53 35	51 35	47 25	59 36	59 37	55 36	51 33	55 42	55 43	39 31	30 30	53.1 30.1	
JAMESTOWN CAA AP	MAX MIN	24 6	10 -3	21 -6	57 18	65 34	58 33	49 19	49 17	72 37	55 32	54 28	76 31	77 37	77 43	54 31	60 25	57 37	54 30	53 26	51 36	40 31	46 31	67 35	55 33	55 36	52 39	56 39	63 32	40 28	52.4 28.1		
JAMESTOWN STATE HOSP	MAX MIN	27 7	11 -1	20 -3	57 18	64 34	60 30	49 27	49 19	69 38	65 22	54 29	75 34	79 35	78 48	61 37	59 26	57 41	54 33	52 26	50 36	40 32	47 21	66 36	59 37	55 39	51 39	56 43	64 32	46 29	37 27	53.7 28.9	
KENMARE	MAX MIN	31 2	15 -3	13 -4	43 14	55 32	61 31	46 18	30 13	45 20	59 25	45 23	55 30	70 40	70 38	65 32	47 28	61 38	51 39	47 22	48 35	35 22	48 35	57 31	50 32	39 36	50 32	42 30	30 19	28 18	45.7 24.2		
KENSAL WILDLIFE REFUGE	MAX MIN	28 2	16 -1	19 -10	54 16	66 31	63 31	46 26	47 13	73 31	70 32	55 26	77 31	77 40	75 42	69 35	62 25	62 41	55 29	53 24	47 34	46 25	70 35	65 32	50 35	53 34	57 40	47 43	41 27	55.2 27.4			
LANGOON EXP FARM	MAX MIN	23 -2	15 -6	20 -8	55 17	64 30	60 26	37 24	44 12	60 30	57 31	51 22	70 31	71 33	69 36	64 32	56 24	54 22	47 32	49 22	47 27	38 29	36 9	53 29	54 31	48 30	46 33	44 36	44 30	33 26	20 20	48.3 23.6	
LARIMORE	MAX MIN	27 6	16 -3	22 -4	54 19	63 30	62 30	48 25	44 15	65 32	59 35	51 27	75 32	70 43	71 39	66 39	57 28	54 39	50 31	52 24	50 29	46 32	44 21	61 35	50 40	49 37	53 40	52 35	39 30	27 27	51.5 28.1		
LEEOS	MAX MIN	28 1	13 -2	18 -3	57 17	61 35	56 28	40 23	48 18	62 28	58 32	53 25	76 35	75 40	71 39	57 33	58 28	51 39	49 29	50 21	47 29	39 27	43 21	62 33	57 33	51 33	48 34	59 34	54 30	37 21	38 23	50.5 26.1	
LINTON	MAX MIN	34 12	20 3	23 3	64 21	68 33	63 29	49 26	65 32	73 35	58 29	59 23	77 35	83 31	78 45	57 30	67 25	59 35	57 29	52 15	50 34	44 34	48 26	60 35	60 30	65 40	56 41	65 36	60 39	44 28	43 25	56.5 28.3	
LISBON	MAX MIN	33 12	20 0	20 0	55 17	67 30	67 30	67 29	50 12	70 39	57 33	75 30	80 35	80 44	77 44	60 25	60 25	60 39	55 32	55 22	44 30	55 23	66 20	66 38	61 39	55 41	51 39	68 41	68 30	39 30	58.2 29.5		
LOSTWOOD 12 N	MAX MIN	25 -6	10 -7	19 -8	54 17	59 34	56 33	47 24	50 17	59 28	46 28	55 18	72 38	71 35	64 38	47 28	62 35	61 29	46 21	47 19	33 20	46 19	57 21	48 34	50 24	46 30	55 24	50 24	33 23	26 16	31 9	47.3 22.3	
MADDOCK AGR SCHOOL	MAX MIN	27 0	15 0	18 -5	55 16	60 33	55 29	47 25	47 18	66 29	56 32	54 24	70 32	73 38	71 40	60 34	62 24	60 31	53 30	51 22	43 32	45 28	65 24	63 35	50 32	50 32	56 32	41 26	41 20	51.7 26.0			
MANDAN EXP STATION	MAX MIN	32 9	16 -1	12 3	35 17	57 35	65 34	61 23	36 19	56 30	71 30	54 25	56 38	75 38	77 44	74 36	65 28	65 43	57 24	53 23	51 42	49 23	40 23	49 23	67 35	58 34	54 39	68 36	38 26	39 20	52.3 28.2		
MANDAN FT LINCOLN PARK	MAX MIN	30 9	15 -2	22 -5	61 18	68 35	65 32	45 22	57 16	74 32	61 30	60 23	78 42	83 36	77 42	58 35	68 26	67 42	56 32	52 22	49 33	40 26	49 23	71 35	63 38	55 27	53 32	69 32	64 34	40 28	42 28	56.5 27.0	
MARMARTH	MAX MIN		36 5	35 7	60 25	62 30	55 33	47 26	62 39	60 39	54 20	65 30	72 35	75 39	66 34	53 34	70 40	67 33	49 20	48 36	47 29		38 34	47 24	73 44	66 44	76 39	53 27	38 28	46 19	57.9 29.4		
MAX	MAX MIN																																
MAYVILLE	MAX MIN	28 8	15 0	23 -2	52 20	61 31	58 30	47 27	46 21	67 36	61 38	50 29	76 32	72 42	67 39	67 40	55 29	52 40	50 33	51 24	52 32	51 27	46 23	60 36	59 35	49 33	49 38	55 40	56 40	38 31	38 29	52.3 29.6	
MC CLUSKY	MAX MIN	26 2	10 -4	18 -6	55 16	61 36	57 33	42 21	50 18	70 30	54 28	54 26	81 34	78 52	73 34	60 34	61 27	59 40	50 26	48 21	38 33	46 24	63 35	58 31	51 36								

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Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX	30	20	26	53	55	51	43	58	69	50	58	73	74	63	52	66	63	49	53	41	41	53	63	55	61	62	71	64	36	42	53.2	
	MIN	10	-1	-1	21	30	32	23	24	29	29	24	37	34	46	34	22	39	30	19	35	28	22	32	22	39	35	32	29	21	16	26.4	
NEW SALEM 1 S	MAX	25	12	21	55	61	59	41	54	67	51	57	74	77	67	52	66	57	60	50	47	43	47	68	56	52	53	68	54	38	42	52.5	
	MIN	5	-3	-4	18	37	35	22	20	33	27	27	39	36	36	32	26	41	34	22	35	33	24	35	28	38	38	31	30	28	15	27.3	
NEWTOWN	MAX	26	15	24	56	61	50	43	54	61	55	57	75	73	69	51	65	65	51	50	48	41	50	59	54	52	57	61	59	29	33	51.5	
	MIN	8	-5	0	20	32	31	19	21	29	31	23	29	38	43	31	26	41	32	22	35	27	25	37	32	39	35	31	29	20	18	26.6	
OAKES	MAX	33	23	24	32	50	65	71	38	50	68	59	54	74	81	78	50	59	60	55	55	49	43	51	66	56	59	51	56	68	40	53.9	
	MIN	12	2	-2	7	30	30	29	16	22	34	32	30	36	41	40	25	35	32	21	36	37	25	34	35	36	39	40	40	30	28	28.4	
PARK RIVER	MAX	29	16	21	59	63	62	43	46	60	58	50	75	73	69	67	55	55	52	50	50	45	41	56	57	50	47	51	52	38	39	51.0	
	MIN	4	-3	-3	16	29	28	23	15	32	35	26	37	42	37	39	28	27	31	22	26	31	14	33	34	31	37	40	32	30	26	26.6	
PARSHALL	MAX	27	15	21	55	62	57	46	54	62	51	56	74	74	69	58	64	64	49	50	43	42	50	60	53	53	55	65	65	30	33	51.9	
	MIN	5	-6	-3	20	33	29	18	22	27	25	23	28	35	40		21	23	22	18	34	26	26	37	26	39	33	31	25	21	7	24.0	
PEMBINA 2 N	MAX	30	17	22	58	64	64	41	44	62	62	48	68	66	70	70	53	55	55	48	54	54	41	48	55	55	50	51	51	41	40	51.2	
	MIN	0	-5	-6	18	28	28	18	10	32	28	24	32	32	33	38	27	35	30	24	24	32	11	32	32	31	34	38	33	29	28	25.0	
PETERSBURG	MAX	25	12	20	54	61	60	45	43	63	63	50	73	70	67	63	56	50	48	50	49	42	43	54	52	45	45	53	50	40	38	49.5	
	MIN	3	-5	-5	16	29	28	24	14		31	25	34	37	41	35	25	39	28	20	31	29	20	33	31	32	35	38	31	27	24	25.9	
PETTIBONE	MAX	26	11	15	54	64	60	46	51	70	60	53	75	73	77	60	59	59	52	52	50	41	46	66	61	51	48	56	52	45	39	52.4	
	MIN	4	-1	-8	11	34	31	21	11	35	31	29	32	34	47	34	24	29	30	22	33	29	22	35	32	35	35	40	39	26	23	26.6	
PORTAL	MAX	30	13	10	38	53	61	50	35	55	59	43	57	73	72	64	46	60	49	44	47	35	37	49	51	49	40	55	32	28	27	45.4	
	MIN	2	-7	-5	3	35	28	15	17	22	31	22	32	39	40	28	24	36	29	20	32	25	25	34	28	35	35	25	25	11	6	23.1	
POWERS LAKE 1 N	MAX	20	11	20	59	69	48	40	50	58	45	55	70	69	63	49	63	60	45	46	38	37	47	49	43	37	55	47	35	26	28	46.1	
	MIN	-1	-5	-3	19	35	35	13		28	30	23	30	32	37	27	21	33	28	19	34	21	23	28		35	33	25	25	16	6	23.1	
RICHAROTON ABBEY	MAX	29	14	22	50	58	53	43	55	63	52	57	72	75	68	57	65	63	50	51	44	40	50	64	55	55	57	69	66	33	40	52.3	
	MIN	6	-4	0	18	34	35	20	23	33	29	27	35	40	48	33	26	40	32	23	34	27	24	34	27	38	35	35	29	21	15	27.2	
RIVEROALE	MAX	29	14	13	30	55	62	56	33	53	65	50	56	74	76	65	48	61	52	49	50	44	35	47	62	53	49	53	64	35	34	48.9	
	MIN	5	-5	-2	6	30	32	21	20	27	26	27	30	40	46	34	29	35	34	26	33	28	25	32	32	36	33	35	31	24	17	26.2	
ROLLA	MAX	24	13	16	55	61	53	35	46	62	49	52	71	72	70	53	55	48	47	47	40	35	40	57	49	41	44	46	45	31	32	46.3	
	MIN	-2	-6	-8	10	30	25	18	11	26	25	23	32	41	37	33	28	35	31	22	25	24	15	32	34	31	34	29	25	23	15	23.3	
RUGBY	MAX	31	14	17	57	62	60	43	48	62	59	53	74	74	72	65	60	58	48	49	48	39	45	60	59	54	47	53	51	35	38	51.2	
	MIN	2	-2	-3	16	35	30	21	20	30	13	27	34	40	44	33	26	31	31	22	33	28	26	36	34	35	34	37	31	24	21	26.1	
SAN HAVEN	MAX	27	9	15	55	61	56	35	46	62	50	52	71	70	68	53	56		57	46	44	36	42	58	52	46	48	48	46	32	33	47.4	
	MIN	-3	-6	-7	15	35	26	18	15	30	27	24	32	40	45	34	28	37	32	23	32	25	20	32	34	32	33	30	26	22	17	24.9	
SHARON	MAX	25	16	21	51	62	52	47	45	68	59	48	73	73	71	64	54	52	50	52	49	48	45	60	58	47	49	51	53	53	38	51.1	
	MIN	5	-3	-5	16	34	30	25	15	33	36	25	34	40	44	34	26	38	28	22	35	31	25	34	33	35	35	40	38	28	25	27.9	
STANLEY	MAX	20	12	24	55	59	47	41	51	54	45	56	72	71	64	48	62	54	46	48	47	36	49	56	49	41	55	48	33	27	29	46.6	
	MIN	1	-5	-3	19	35	30	16	20	28	32	23	35	36	35	31	24	38	31	22	30	25	24	34	28	32	31	35	25	19	12	24.7	
STEELE	MAX	31	19	19	57	64	63	45	49	72	68	55	75	78	76	61	60	59	54	52	50	45	45	72	66	54	54	62	61	43	42	55.0	
	MIN	5	-7	5	13	35	33	24	28	33	27	24	34	36	41	35	26	39	29	20	34	31	23	34	30	36	35	39	40	25	22	27.6	
TOWNER	MAX	32	12	23	56	61	48	43	50		57	75	74	69	52	63	63	58	50	52	49	39	47	63	53	50	51	56	48	36	38	50.2	
	MIN	0	-2	-2	18	34	30	17			21	27	33	36	40	33	27	37	28	20	34	27	25	37	30	36	35	32	33	23	18	26.0	
TURTLE LAKE	MAX	29	13	19	56	63	61	45	53	68	58	56	73	76	75	62	63	63	52	51	50	40	46	65	62	53	51	65	63	37	41	53.6	
	MIN	4	-6	-4	17	36	32	10	29	19	30	25	32	40	42	33	25	39	31	23	34	29	25	35	30	38	36	34	32	24	17	26.7	
UNOERWOOD	MAX	30	16	12	32	55	62	57	33	55	56	55	56	74	75	65	50	63	54	51	51	44	36	47	64	55	47	52	64	36	35	49.4	
	MIN	4	-6	-4	7	32	32	29	16	26	29	26	29	34	42	31	31	27	22	23	33	30	25	31	30	36	37	35	37	23	18	25.3	
UPHAM 3 N	MAX	29	16	19	57	62	61	40	50	67	55	57	77	76	77	58	64	60	51	53	48	40	50	63	53	49	50	52	52	34	37	51.9	
	MIN	-1	-4	-3	15	31	30	21	19	30	31	22	31	35	39	31	24	36	29	20	33	27	25	37</									

EVAPORATION AND WIND

NORTH DAKOTA
APRIL 1954

Table 6

Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEVILS LAKE W8 CITY	EVAP	*	*	*	*	.01	.24	.09	.05	.07	.07	.23	.16	.18	.13	.18	.16	.21	.16	.16	.08	-	.05	.07	.14	.10	.03	*	*	.09	.08	2.838	
	WIND	63	80	42	95	44	59	142	54	46	146	122	76	38	40	143	118	148	135	95	76	68	35	82	98	86	65	35	64	112	67	2474	
EDGELEY EXP FARM	EVAP	-	*	*	*	.46	.01	.33	.06	.17	.19	.28	.12	.33	.25	.19	.21	.26	.29	.19	.18	.10	.08	.12	.14	.21	.15	.10	.11	.20	.13	5.038	
	WIND	-	151	85	156	98	66	136	109	151	79	206	107	92	66	114	159	118	146	101	76	130	126	102	102	102	172	210	121	143	190	37398	
MANDAN EXP STATION (A)	EVAP	-	*	*	*	.27	.03	.01	.08	.08	.13	.17	.14	.11	.11	.11	.23	.14	.19	.15	.10	.03	.06	.09	.14	.15	.05	.06	.11	.11	.09	3.048	
	WIND	145	228	92	165	44	71	206	170	125	134	200	104	94	50	178	269	168	200	146	129	144	126	210	175	141	206	193	196	220	201	4640	
RIVERDALE	EVAP	-	-	-	-	.14	.20	.04	.10	.21	.18	.29	.25	.19	.22	.24	.26	.30	.19	.19	.06	.11	.20	.27	.24	.08	.11	.19	.02	-	5.358		
	WIND	-	-	-	-	52	179	136	142	122	231	210	108	33	103	169	142	190	145	110	135	129	264	175	166	212	95	202	221	136	44638		

(A) PAN 6 FT IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

SNOWFALL AND SNOW ON GROUND

Table 7

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	SNOWFALL SN ON GND	1.5 7	1.0 8	8	2																	T									T		
AMENIA	SNOWFALL SN ON GND	T	T	T																													
AMIDON	SNOWFALL SN ON GND	T 9	1.5 10	0.5 11	0.7 11	6	3	1	1	T	T										T	T T							0.5	1.0			
ASHLEY	SNOWFALL SN ON GND	1	1	- 1																													
BEACH	SNOWFALL SN ON GND	1.0 2	1.0 3	0.3 3	2	T																									T		
BELCOURT INDIAN RESER	SNOWFALL SN ON GND	-	-	-	T	T	T	T	T	T	T	T	T	T	T	T	T				- T	- 6	4	4	2	T T	T	T	- 1	- 2	T		
BELFIELD	SNOWFALL SN ON GND	-	-																														
BEULAH	SNOWFALL SN ON GND	-	-																														
BISBEE	SNOWFALL SN ON GND	1	1	T 1																		4.0 4	2							-			
BISMARCK WB AP	SNOWFALL SN ON GND	0.5 T	0.4 1	T 1	1			T T														T				T			T	T			
BOTTINEAU	SNOWFALL SN ON GND	1	T 1	1	0.2 1			0.1														1.5 1								T	T		
BOWBELLS	SNOWFALL SN ON GND																					- 3	3	2	2	2	2	T 2	T T	T T	T		
CARSON NO 2	SNOWFALL SN ON GND	T 2	0.5 2	T 2	T 2	T																											
CENTER	SNOWFALL SN ON GND	-	-	T 4	-	T																											
CROSBY	SNOWFALL SN ON GND	T		T																													
DEVILS LAKE WB CITY	SNOWFALL SN ON GND	0.3 T	T T	T T	T			T											T		T	4.4 3	1	T									
DICKINSON CAA AP	SNOWFALL SN ON GND	1.1 8	1.0 10	2.8 11	13	9	3	T T	T T	T T	T									T										T T	T T		
DICKINSON EXP STATION	SNOWFALL SN ON GND	T	-	T 5	5	3	1	T																									
DUNN CENTER	SNOWFALL SN ON GND	T 4	3.0 7	T 7	0.3 6	T	T	T	T																						T T		
EDMORE 1 W	SNOWFALL SN ON GND																																
ELLEDALE	SNOWFALL SN ON GND	0.5 2	0.7 3	3	2	2	1	1	T																						T T	T T	
FARGO WB AP	SNOWFALL SN ON GND	0.4 1	T 1	1	T			T																							T	0.1	
FORT YATES	SNOWFALL SN ON GND	T	0.1 T																T														
FOXHOLM 7 N	SNOWFALL SN ON GND	T	T	T																													
FULLERTON	SNOWFALL SN ON GND	0.3 2	0.7 2	-																												T T	
GARRISON	SNOWFALL SN ON GND	1	3.0 4	3	2																												
GRAFTON STATE SCHOOL	SNOWFALL SN ON GND	-	-	-																													
GRAND FORKS CAA AP	SNOWFALL SN ON GND	T 2	T 1	T 1	1			T				T																			T	T	
GRAND FORKS UNIV	SNOWFALL SN ON GND	1	1	1				T																								T	
GRANVILLE	SNOWFALL SN ON GND	T 1	T 1		1	1																										T	

See reference notes following Station Index.

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
APRIL 1954

Table 7-Continued

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HANSBORO	SNOWFALL SN ON GND	T	T	T																	T	3.0 3	1	T					2.0 2	T	1	T	
HETTINGER	SNOWFALL SN ON GND	T	T																														
JAMESTOWN CAA AP	SNOWFALL SN ON GND	1.4 1	0.3 2	T 2	2	T		T														T								T	T	T	
KENSAL WILDLIFE REFUGE	SNOWFALL SN ON GND	1.0 4	0.5 4	-																													
KILLDEER 8 NW	SNOWFALL SN ON GND	1.0 8		0.5 8	4	3	2	1																						T T	T T	T T	
MANDAN EXP STATION	SNOWFALL SN ON GND	1	1.3 2	T 2	1	T	T																										
MAYVILLE	SNOWFALL SN ON GND	T																				T									T		
MC CLUSKY	SNOWFALL SN ON GND	T	T																				4.0 T								T		
MC HENRY S N	SNOWFALL SN ON GND	0.1 1	0.2 1	1	T																T	2.0 1									T		
MEDORA 4 NNE	SNOWFALL SN ON GND	1.6 5	1.5 6	0.5 6	3	2	T	T	T	T	T																			T T	T		
MINOT CAA AP	SNOWFALL SN ON GND	0.4 1	T 1	0.1 1	1			T												T		3.0 3	2							T T			
MINOT EXP STATION	SNOWFALL SN ON GND	T	0.5 4	T 5																	T	5.5 6							2.0 2	T T	T	T	
MOHALL	SNOWFALL SN ON GND	T		0.1 T																	T	3.0 1								5.0 5	3	2	
MONTPELIER	SNOWFALL SN ON GND	T	1.0 2	T 2	1																										T		
MOTT	SNOWFALL SN ON GND	1.0 4	4	4	2	1																											
MUNICH 4 SW	SNOWFALL SN ON GND	-	-	-																	T	-	-	-									
NAPOLEON 1 SE	SNOWFALL SN ON GND	T	1.0 2	2	1																												
OAKES	SNOWFALL SN ON GND	1	1.0 1	-	-																						T				T		
PARSHALL	SNOWFALL SN ON GND	T	0.5 1	T 1																		T T								T			
PETERSBURG	SNOWFALL SN ON GND	2	T 2	1	1																	4.0 4	2							2.0 2	1		
PETTIBONE	SNOWFALL SN ON GND	3	1.0 4	4	1																												
PRETTY ROCK	SNOWFALL SN ON GND	T	T																		T			T			0.4	T	T	T			
RICHAROTON ABBEY	SNOWFALL SN ON GND	0.5 6	1.3 7	0.1 6	3	1	T	T	T													T								T T	T		
RIVERDALE	SNOWFALL SN ON GND	1	1.0 2	T 2	1	T																2.0 2	T										
ROLLA	SNOWFALL SN ON GND	T	3	3	1	1	T	T	T	T	T										T	4.0 4	3			T				2.0 2	T 1	T	
SAN HAVEN	SNOWFALL SN ON GND	2	T 2	T 2	1	T	T	T		T												T	-	1	T					T T	T	T	
SHARON	SNOWFALL SN ON GND	T																															
STANLEY	SNOWFALL SN ON GND	T		-																											-	T	
UPHAM 3 N	SNOWFALL SN ON GND	T	2	2	T	T	T	T	T																		T				T		
VALLEY CITY	SNOWFALL SN ON GND	-	-	-																													
WAHPETON STATE SCHOOL	SNOWFALL SN ON GND	T	0.1																														2.0 1
WESTHOPE	SNOWFALL SN ON GND		T	T																		1.0								4.0 -	-	-	
WILLISTON WB CITY	SNOWFALL SN ON GND WTR EQUIV	1.0 T	T 1	T 1	T																	T T								5.1 1	T 4	3	
WILLOW CITY	SNOWFALL SN ON GND	T		T																		1.0 T		T						T			

STATION INDEX

NORTH DAKOTA
APRIL 1954

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Adams 7 S	0022	Walsh	10	48 20	88 06	-	SP	Myron J. Sata	3		Medora 23 NW	5818	Billings	7	47 14	103 36	2123	7A	Archibald E. McDoom	3	
Alexander	0006	McKenzie	13	48 20	88 06	-	SP	Arthur J. Samsen	3		McDeville	5332	Footen	5	47 20	99 02	1625	MID	Edgar S. Stegmaier	2 3 5	C
Almont 7 SW	0136	Morton	4	48 43	101 39	2200	7P	Bogart Ransland	2 3 5	7	Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	U.S. Civil Aero Ada	2 3 5	7 C
Amrose	0189	Divide	12	48 38	101 20	2059	SP	Soo Line Agent	2 3 5	7	Minot Exp. Sta.	5993	Ward	12	48 15	101 14	1720	GP	W.C. April Exp Sta	2 3 5	7 C
Angus	0186	Came	11	47 00	97 13	800	SS	Virgil L. Gebke	2 3 5	7	6015 Burleigh	5993	Ward	8	46 40	100 14	1760	SP	U.S. Fish & W.L. Ser	2 3 5	7
Andon	0209	Slope	1	46 29	103 19	2019	8A	Virginia M. Zundel	2 3 5	7 C	6025 Renville	12	48 46	101 31	1639	9P	9P Iver Johnson	2 3 5	7 C		
Antler	0293	Bottineau	12	48 38	101 20	1540	MID	W. F. Wegner	2 3 5	7 C	6105 Stutsman	5	46 42	98 35	1379	GP	6P Rolf Hanson	3	7		
Arvilla State Park	0369	Grand Forks	10	47 56	87 30	960	GP	Albert Thoren	2 3 5	7 C	6153 Rottenger	1	46 23	102 20	2420	SS	33 Forrest E. Coffing	2 3 5	7 C		
Ashley	0626	McIntosh	9	48 50	98 45	1960	SP	Soo Line Agent	2 3 5	7 C	6185 Cavalier	2	48 30	98 53	1593	7P	Harold Feldner	2 3 5	7		
Balfour	0492	McHenry	12	47 57	100 32	1615	MID	Raymond E. Weller	2 3 5	7 C	6255 Logan	8	46 29	98 45	1955	GP	6P Ted C. Frank	2 3 5	7 C		
Balta	0500	Pierce	11	48 10	100 02	1550	GP	Anton Schmalz	2 3 5	7 C	6315 Bettenger	1	46 33	102 52	2621	GP	6P Anton Sellinger	2 3 5	7		
Bantry	0516	McHenry	12	48 30	100 36	1458	8A	Temple K. Roberts	2 3 5	7 C	6355 Eddy	5	47 43	99 16	1553	GP	6P Richard Steinbach	3	7		
Beach	0590	GoldenValley	7	46 55	104 01	2614	6A	Belen Tobias	2 3 5	7 C	6365 Morton	4	46 50	101 25	2163	GP	6P William F. Gaehe	2 3 5	7		
Belcourt Indian Res.	0382	Belmont	3	46 48	100 48	1670	8A	Soo Line Agent	2 3 5	7 C	6405 Mountrail	0	47 59	102 39	1905	GP	6P Erwin A. Ventrich	2 3 5	7		
Bellevue	0638	Stark	4	46 53	103 11	2592	7P	Carl Indergard	2 3 5	7	6455 Divide	12	48 53	103 01	1960	GP	6P George Kostek	3	7		
Berthold	0729	Ward	12	48 19	101 44	2080	GP	Joseph S. Cox	3	7 C	6535 Burke	12	49 00	102 16	1550	MID	U.S. Customs Sta.	3	C		
Beulah	0766	Mercer	6	47 16	101 47	1780	8A	Mont. Dak. Util. Co.	3	7 C	6585 La Moure	5	46 33	98 44	1502	GP	6P Henry L. Erickson	3	7		
Blisbee	0796	Tomor	2	48 37	99 22	1600	GP	Robert J. Krick	2 3 5	7	6626 Dickey	5	46 08	98 45	1320	CA	DA E. Carrie Murray	2 3 5	7 C		
Bismark	0814	Burleigh	8	46 48	100 48	1670	8A	Cloud	2 3 5	7 C	6657 Walsh	10	48 23	97 45	1893	GP	6P Martin Severson	2 3 5	7		
Bismark NW Airport	0819	Burleigh	8	46 46	100 45	1650	MID	U.S. Weather Bureau	2 3 5	7 C	6687 Mountrail	0	47 57	102 08	1929	GP	6P C. E. Shubert	2 3 5	7		
Bismark 12 ENE	0827	Burleigh	8	46 51	100 33	1709	SP	KYR Transmitter	3		6749 Pembina	10	49 00	102 31	7190	4P	MID U.S. Customs & Imm.	2 3 5	C		
Bottineau	0941	Bottineau	12	48 40	100 27	1640	8A	N.D. Sch. of Frstry	2 3 5	7	7027 Nelson	10	48 01	98 00	1524	SP	Rev. Odean Womson	2 3 5	7 C		
Bowbells	0861	Burke	12	48 44	102 15	1953	8A	Paul L. Adams	2 3 5	7	7047 Kilduff	7	47 59	98 32	1669	7P	L. H. DeHoff	2 3 5	7 C		
Bowman Court House	0909	Bowman	3	46 11	103 23	2959	SP	O. B. Hook	2 3 5	7	7117 Stutsman	5	47 10	98 54	1572	GP	6P Jerry T. Tanney	2 3 5	7		
Bowman 11 SE	0998	Bowman	3	46 04	103 19	2810	GP	Bernard L. Donagala	3		7201 Burke	12	49 00	102 33	2204	9A	U.S. Customs Serv.	2 3 5	7		
Bowman 30 NW	1001	Slope	7	46 35	103 31	2505	SP	John H. Hanson	3		7231 Burke	0	48 34	102 30	1955	7P	Herbert J. Clark	2 3 5	7		
Breien	1032	Morton	1	46 24	100 56	1720	MID	Frank E. Potter	3	C	7311 Grant	1	46 11	101 51	1511	GP	6P Freda Leer	3	7		
Burlington	1124	Stutsman	12	48 48	98 45	1953	8A	W. B. Henderson	2 3 5	7	7445 Cavalier	12	48 40	98 45	1625	MID	George F. Gahres	2 3 5	7 C		
Burt 16 N	1216	Bettinger	1	46 36	102 08	2340	GP	Jacob Gruebele	2 3 5	7	7450 Adams	3	46 06	102 57	2810	GP	6P Robert Cullen	2 3 5	7		
Butte	1225	McLean	12	47 50	100 40	1860	9A	Earl R. Ward	2 3 5	7	7452 Slope	1	46 19	102 57	2784	3A	Chas. M. Metzinger	3	7		
Candle	1288	Towner	2	48 29	99 12	1481	MID	Barry E. Harris	2 3 5	7	7530 Stark	4	46 53	102 19	2470	SP	6P Assumption Abbey	2 3 5	7 C		
Carrollton	1360	Forster	5	47 27	99 08	1579	7A	Soo Line Agent	2 3 5	7	7555 McLean	4	47 30	101 21	1910	CA	CA Corps of Engineers	2 3 5	7 C		
Carrington	1365	Grant	10	46 25	101 34	2390	GP	W. D. Drummond	2 3 5	7	7655 Rolette	12	48 40	98 45	1625	MID	David E. Madigan	2 3 5	7		
Cass	1370	Grant	4	46 25	101 34	2390	GP	W. D. Drummond	2 3 5	7	7684 Rolette	9	46 52	99 37	1019	7P	Theo. B. Fagerlund	2 3 5	7		
Cass 2	1435	Pembina	9	48 48	97 38	889	GP	Willie Hansen Pico	2 3 5	7	7704 Pierce	12	48 22	100 00	1560	GP	6P Frank Bornstein	2 3 5	7		
Center	1456	Olive	8	47 07	101 18	2100	7P	Fred L. Beinz	2 3 5	7	7749 Ward	0	47 55	101 40	1502	GP	6P S. C. Schellenbaum	3	C		
Colgate	1686	Steele	10	47 14	97 39	1480	GP	John P. Churchill	3		7749 Ward	0	47 55	101 40	1502	GP	6P S. C. Schellenbaum	3	C		
Columbus	1696	Burke	12	48 44	102 47	1930	GP	J. D. Sundell	2 3 5	7	7749 Ward	0	47 55	101 40	1502	GP	6P S. C. Schellenbaum	3	C		
Cooperstown	1766	Griggs	11	47 26	98 07	1428	SP	Deland M. Marson	2 3 5	7	7824 Rollette	12	48 40	98 45	1625	MID	George F. Gahres	2 3 5	7 C		
Courtenay	1816	Stutsman	5	47 13	98 34	1523	SP	G. B. Hanawalt	2 3 5	7	7932 Bowman	3	46 09	103 09	2701	GP	6P Frank Tim	3	7		
Crosby	1871	Divide	12	48 54	103 18	1953	GP	Veron V. Nichols	2 3 5	7 C	7952 Sioux	7	46 31	101 10	2103	7P	L. E. Wilson	3	7		
Devils Lake 8 S	2158	Ramsey	2	48 07	98 52	1471	MID	U.S. Weather Bureau	2 3 5	7 C	7956 GoldenValley	7	46 37	103 49	2662	GP	7P G. E. Jury	2 3 5	7		
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2589	MID	U.S. Civil Aero Ada	2 3 5	7 C	8007 Eddy	12	49 00	101 33	1647	GP	U.S. Customs Service	3	C		
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2660	7A	Dickinson Exp. Sta.	2 3 5	7 C	8057 Eddy	11	47 50	99 07	1430	MID	Alvin H. Kennedy	3	C		
Donnelly	2242	Ward	12	48 31	101 53	1760	GP	Fred E. Feldner	3		8065 Grant	1	46 14	101 07	1511	GP	6P Peter R. Young	2 3 5	7 C		
Donnelly	2248	McHenry	12	47 56	100 22	1953	8A	Ed. E. Lysen	2 3 5	7	8276 Mountrail	3	46 51	102 24	2260	7P	7P Leroy Edwards	2 3 5	7 C		
Dunn Center	2365	Dunn	6	47 21	102 37	2191	6A	Charles C. Neustel	2 3 5	7	8286 Kilduff	5	47 21	100 24	1457	7P	August B. Rieder	2 3 5	7		
Eckman	2472	Bottineau	12	48 40	101 03	1500	GP	Soo Line Agent	2 3 5	7	8306 Welle	5	47 21	99 24	2134	4P	Edward Sordang	3	7		
Edgemoor Exp. Farm	2492	La Moure	5	46 28	98 42	1858	9A	N.D. Agri. Exp. Sta.	2 3 5	7 C	8627 Mountrail	12	48 20	100 56	2679	GP	6P George M. Pilgaard	2 3 5	7		
Edmore 1 W	2525	Ramsey	2	48 29	98 29	1520	SP	Mike Davis	2 3 5	7	8737 Williams	8	46 24	102 36	2279	GP	6P L. A. Simon	3	7		
Elgin 5 S	2570	McLean	12	47 56	100 02	1550	GP	Mike Davis	2 3 5	7	8786 Kilduff	3	47 08	100 00	1520	GP	6P Theodore C. Gchner	3	7		
Elgin 5 S	2592	Grant	1	46 21	101 41	2441	GP	Art A. Eilinger	2 3 5	7	8877 McLean	4	47 27	101 08	2026	7A	Clarence W. Johnson	2 3 5	7		
Ellendale	2605	Grant	1	46 00	98 31	1860	GP	Paul Gress	2 3 5	7	8913 McHenry	12	48 37	98 40	1425	SP	U.S. Wildlife Ref.	2 3 5	7		
Ellendale	2605	Grant	1	46 00	98 31	1860	GP	Paul Gress	2 3 5	7	8918 McHenry	12	48 35	100 47	1440	SP	CLOSED - - - -	10/20	58		
Ellendale	2605	Grant	1	46 00	98 31	1860	GP	Paul Gress	2 3 5	7	8937 Barnes	11	46 35	100 00	1229	GP	6P Miss L.C. Robertson	2 3 5	7		
Ellendale	2605	Grant	1	46 00	98 31	1860	GP	Paul Gress	2 3 5	7	8996 McHenry	12	48 03	100 55	1511	GP	6P Oscar Anderson	2 3 5	7		
Ellendale	2605	Grant	1	46 00	98 31	1860	GP	Paul Gress	2 3 5	7	9035 La Moure	5	46 22	99 03	1332	GP	6P Warren O. Tang	3	7		
Ellendale	2605	Grant	1	46 00	98 31	1860	GP	Paul Gress	2 3 5	7	9058 Richland	10	47 16	96 36	962	MID	Victor Sartori	2 3 5	7		
Ellendale	2605	Grant	1	46 00	98 31	1860	GP	Paul Gress	2 3 5	7	9100 Richland	10	47 16	96 36	962	SP	St. Sch. of Science	3	7		
Ellendale	2605	Grant	1	46 00	98 31	1860	GP	Paul Gress	2 3 5	7	9155 Pembina	9	46 55	97 55	950	GP	6P Felix A. Guston	2 3 5	7		
Ellendale	2605	Grant	1	46 00	98 31	1860	GP	Paul Gress	2 3 5	7	9185 Bemson	11	47 51	98 42	1475	GP	6P Virgil B. Johnson	3	7		
Ellendale	2605	Grant	1	46 00	98 31	1860	GP	Paul Gress	2 3 5	7	9195 McLean	8	47 17	101 02	1770	SP	6P Helen Sanstad	2 3 5	7		
Ellendale	2605	Grant	1	46 00	98 31	1860	GP	Paul Gress	2 3 5	7	9205 McLean	8	47 17	101 02	1770	MID	Washburn Water Wks	3	7		
Ellendale	2605	Grant	1	46 00	98 31	1860	GP	Paul Gress	2 3 5	7	9219 Grant	1	46 02	101 34	2074	GP	6P Mary E. Katus	3	7		
Ellendale	2605	Grant	1	46 00	98 31	1860	GP	Paul Gress	2 3 5	7	9233 McKenzie	8	47 48	103 17	2084	GP	6P J. C. Zeller	2 3 5	7		
Ellendale	2605	Grant	1	46 00	98 31	1860	GP	Paul Gress	2 3 5	7	9233 McKenzie	8	47 48	103 17	2084	GP	6P J. C. Zeller	2 3 5	7		
Ellendale	2605	Grant	1	46 00	98 31	1860	GP	Paul Gress	2 3 5	7	9246 McKenzie	7	47 36	103 17	-	MID	Ida Peterson	2 3 5	7		
Ellendale	2605	Grant	1	46 00	98 31	1860	GP	Paul Gress	2 3 5	7	9333 Bottineau	12	48 50	101 01	1508	GP	6P Rev. R. Carey	2 3 5	7		
Ellendale	2605	Grant	1	46 00	98 31	1860	GP	Paul Gress	2 3 5	7	9400 Williams	0	48 30	103 10	2258						

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

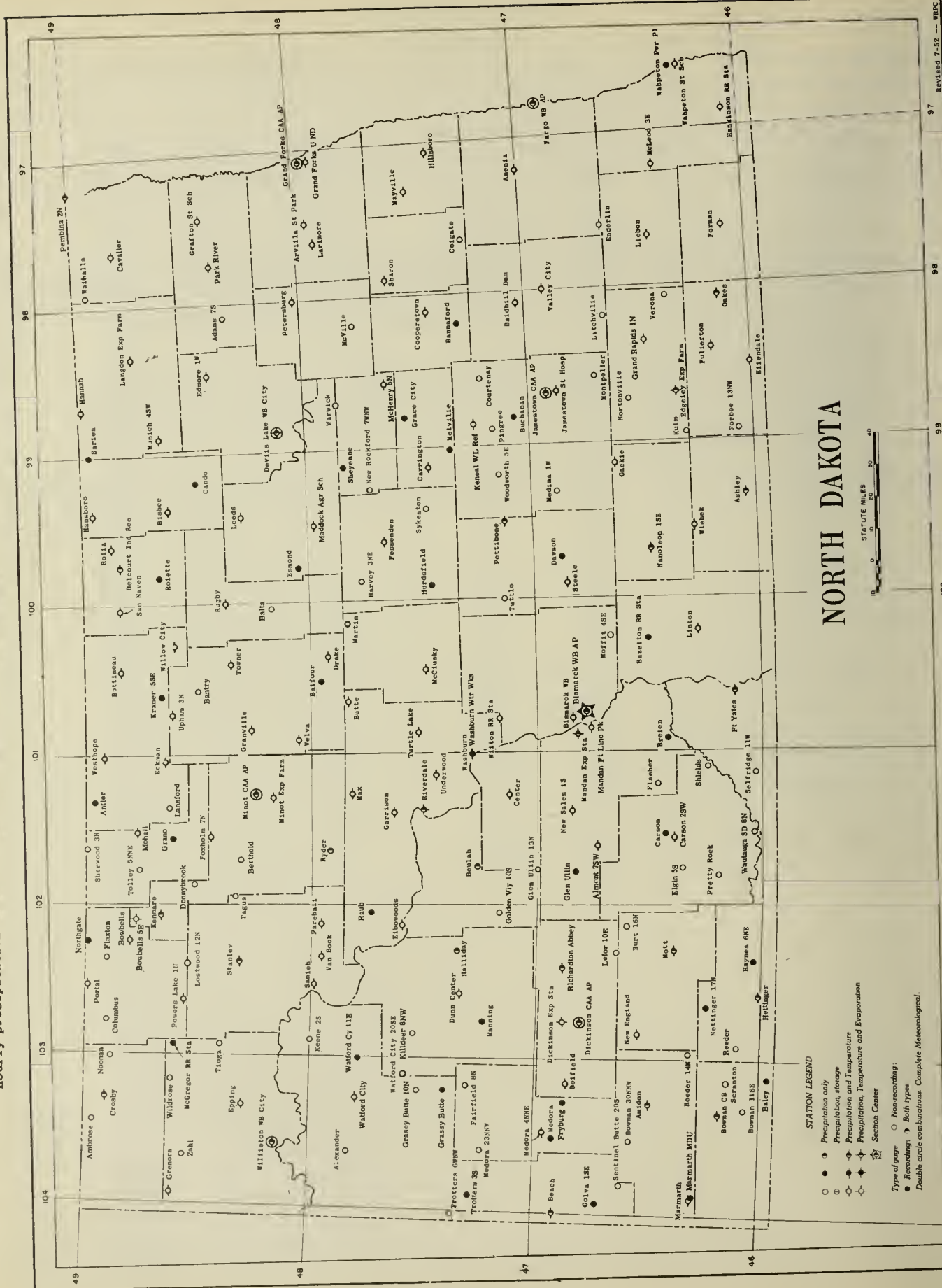
Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- ⊙ Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.
- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
- R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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NORTH DAKOTA



U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
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CLIMATOLOGICAL DATA

NORTH DAKOTA

MAY 1954

Volume LXIII No. 5



NORTH DAKOTA - MAY 1954

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

May was a cool month. The first three weeks were dry and permitted rapid progress in all farm operations. A drought condition was rapidly developing as moisture reserves were nearly depleted, especially over the southern portion of the state. The drought, however, was cut short by abundant rains during the last week which covered almost all sections of the state. The mean temperature for the state was 50.0 degrees which is 3.9 degrees below normal. The eastern division averaged 50.1 degrees which is 4.2 degrees below normal; the middle division averaged 49.9 degrees which is 3.9 degrees below normal, and the western division averaged 50.1 degrees which is 3.4 degrees below normal. The highest temperature was 92 degrees recorded at Mandan and Marmarth on the 20th. The lowest temperature was 10 degrees recorded at Bowman on the 3rd. The highest mean temperature for the month was 54.0 degrees recorded at Ft. Yates and the lowest was 45.4 degrees recorded at Belcourt.

Precipitation averaged 2.05 inches over the state which is 0.22 inch below normal. The eastern division averaged 2.26 inches which is 0.23 inch below normal; the middle division averaged 2.27 inches which is 0.11 inch above normal, and the western division averaged 1.59 inches which is 0.56 inch below normal. Carrington reported a total of 4.42 inches for the greatest amount in the state. The station 14 miles south of Watford City reported the least with only 0.72 inch. Snowfall ranged up to 6.5 inches at Grand Forks Airport. Most of the snow was reported from the east and north portions of the state early in the month. The average snowfall over the state was a half inch.

The month opened with unseasonably cold weather continuing from April. This persisted for 10 days or so when a rising trend set in. This cold period was accompanied by some snow mostly in the east and north portions of the state. Most field work was delayed the first days of the month especially in the north portion where it had been very wet at the end of April. In general field work was resumed around the 5th and continued largely without interruption until the last week. Warm weather, especially in the third week, made outdoor work very comfortable. The first three weeks were definitely dry and in the south-central part of the state it was beginning to develop into a serious drought as there were smaller reserves of moisture in this area. Subsoil moisture was regarded as deficient in west-central and southeastern counties. Crops as a whole suffered no important damage from the dry weather although some fields in south-central portion were uneven. Pastures were also slow partly due to dry weather and also due to the cold weather in early part of month. Good substantial rains the last week, however, brought an end to the dry weather. There were no severe storms reported during the month but high winds on some days caused some soil erosion and minor damage to some grain fields.

--CJS

SUPPLEMENTAL DATA

NORTH DAKOTA
MAY 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total	
BISMARCK WB AIRPORT	NNW	11	12.8	49	N	30	66	75	43	43	6	2	2	2	0	0	12	64
DEVILS LAKE WB CITY	-	-	10.6	34	W	15	-	-	-	-	6	2	4	3	0	0	15	63
FARGO WB AIRPORT	NNW	22	17.6	50	N	3	71	76	50	47	3	7	2	0	0	0	12	61
WILLISTON WB CITY	-	-	8.7	30	SE	26	65	75	46	42	4	10	2	0	0	0	16	62

COMPARATIVE DATA

Table 1

MAY

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall
1892	46.6	96	13	2.20	3.9	1915	51.1	98	15	3.13	0.4	1938	52.0	88	18	2.55	0.2
1893	52.2	97	19	1.61	0.2	1916	51.0	95	7	2.10	0.3	1939	60.1	104	18	1.55	0
1894	54.6	98	23	1.51	0.0	1917	51.2	98	15	0.34	0.1	1940	54.9	96	17	1.97	0.1
1895	54.4	101	15	2.48	0.0	1918	51.7	99	6	2.27	0.5	1941	58.3	98	21	2.94	T
1896	56.9	103	22	4.98	0.0	1919	55.5	101	16	3.11	0.4	1942	50.0	87	19	3.03	0.5
1897	55.4	97	16	0.69	T	1920	53.9	89	20	1.76	0.1	1943	49.9	96	15	2.21	1.0
1898	52.7	92	14	1.98	0.0	1921	53.8	90	21	2.44	T	1944	58.2	95	11	2.73	0.1
1899	50.6	91	16	3.49	0.4	1922	56.3	93	24	3.39	0.1	1945	47.7	84	10	1.54	0.5
1900	59.2	106	15	0.69	0.0	1923	54.1	100	13	1.77	0.2	1946	50.6	88	10	1.60	0.6
1901	60.0	99	19	0.31	T	1924	46.9	84	15	0.81	0.0	1947	49.9	87	13	1.11	T
1902	55.9	94	24	3.57	0.4	1925	53.6	111	10	1.44	T	1948	55.1	101	22	1.38	0.1
1903	54.3	96	11	3.12	T	1926	58.5	105	10	2.20	0.0	1949	56.6	93	19	2.34	T
1904	54.2	93	20	1.60	T	1927	48.0	87	13	5.68	3.2	1950	49.4	95	23	3.44	8.8
1905	50.1	88	10	2.91	4.0	1928	58.2	107	16	1.08	0.0	1951	56.6	94	21	1.15	T
1906	50.8	99	11	4.91	0.4	1929	49.1	92	8	2.99	0.4	1952	55.3	95	20	0.68	T
1907	44.0	84	6	1.31	3.1	1930	50.8	98	18	2.62	0.7	1953	51.8	92	19	4.06	1.5
1908	50.8	88	9	2.90	0.9	1931	53.1	100	10	1.41	0.3	1954	50.0	92	10	2.05	0.5
1909	51.0	98	5	4.46	0.1	1932	55.9	98	25	2.15	2.2						
1910	50.7	94	10	1.03	0.1	1933	54.8	98	19	3.15	T						
1911	55.0	99	6	2.90	T	1934	63.6	111	18	0.36	0.0						
1912	54.2	90	16	4.39	0.7	1935	49.5	89	20	2.61	1.5						
1913	51.2	100	11	1.71	0.2	1936	61.0	100	20	0.80	T						
1914	55.2	95	16	2.12	1.0	1937	55.9	99	19	1.76	T						

Averages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	10 or More ^o	50 or More	100 or More
										30° or 32° or Below	32° or Below	32° or Below	0° or Below										
EASTERN DIVISION																							
AMENIA	64.1	38.6	51.4	- 3.3	84	21	24	3	421	0	0	10	0	1.21	- 1.59	0.42	27	1.0	1	3	4	0	0
ARVILLA STATE PARK	63.7	35.8	49.8		83	20	24	3	463	0	0	15	0	1.86	- 0.81	0.81	28	0.0	0		5	1	0
CARRINGTON	63.2M	36.0M	49.6M	- 3.5	86	23	22	3+		0	0	12	0	4.42	1.93	2.17	31	0.3	T	3	7	3	1
CAVALIER	62.0	38.0	50.0	- 3.6	84	20+	25	3	461	0	0	8	0	3.05	0.79	0.83	31	2.5	1	2	7	2	0
COOPERSTOWN	63.7	36.2	50.0	- 3.8	84	20	23	5	463	0	0	13	0	2.78	0.25	1.00	28	T	0		5	2	1
DEVILS LAKE WB CITY	60.4	37.0	48.7	- 4.3	86	20	24	3	503	0	0	12	0	3.17	1.04	0.86	23	2.1	2	2	7	3	0
EDGELEY EXP FARM	63.4M	35.6M	49.5M	- 4.9	83	22	23	5		0	0	13	0	1.88	- 0.68	0.44	28	T	T	3	7	0	0
EDMORE 1 W	61.1	36.1	48.6	- 4.6	83	20	24	3	500	0	0	15	0	3.02	1.16			T	0				
ELLENDALE	66.1	38.4	52.3	- 3.0	83	21	24	4	394	0	0	12	0	1.90	- 0.71	0.62	28	1.7	T	2+	5	2	0
ENDERLIN	62.6	37.3	50.0		85	22	24	5		0	0	11	0	1.65		0.41	29				5	0	0
FARGO WB AP	62.1	38.6	50.4	- 4.6	83	21	24	3	456	0	0	13	0	0.81	- 1.36	0.35	27	0.9	1	2+	2	0	0
FORMAN	65.0	38.2	51.6	- 4.1	84	21	24	4+	417	0	0	10	0	2.18	- 0.77	0.83	28		0		6	1	0
FULLERTON	65.8	38.2M	52.0M	- 2.8	84	21	24	5	408	0	0	13	0	1.74	- 1.25	0.64	28	4.6			6	1	0
GACKLE	64.5	38.2	51.4	- 2.9	84	20	22	3	420	0	0	12	0	2.20	- 0.38	0.67	27		T	3	7	1	0
GRAFTON STATE SCHOOL	63.5	37.2	50.4	- 3.7	83	20+	24	3	453	0	0	10	0	3.22	1.20	1.13	28	0.2	0		6	2	1
GRAND FORKS CAA AP	61.7	36.7	49.2	- 5.0	82	21	25	3+	483	0	0	12	0	1.94	- 0.56	0.60	27	6.5	3	3	6	2	0
GRAND FORKS UNIVERSITY	62.2	39.3	50.8	- 3.4	82	21	26	3	438	0	0	9	0	2.08	- 0.42	0.56	28	2.5	0		6	1	0
GRAND RAPIDS 1 N	66.5	36.5	51.5		85	21	19	5	417	0	0	14	0	1.22		0.60	28	T	0		3	1	0
HANKINSON R R STATION	62.3	37.3	49.8	- 8.2	82	22	20	4		0	0	10	0	3.12	0.26	1.20	31				9	2	1
HANNAH	58.9	33.4	46.2	- 5.4	83	20	21	1+	575	0	0	16	0	2.30	0.19	0.72	23	0.0	0		5	2	0
HILLSBORO	63.3	37.3	50.3	- 4.5	84	21	24	3	446	0	0	11	0	1.10	- 1.85	0.40	28	0.8	0		4	0	0
JAMESTOWN CAA AP	64.2	35.9	50.1	- 4.0	86	20	23	5	461	0	0	13	0	1.81	- 0.96	0.71	27	2.5	2	3	7	1	0
JAMESTOWN STATE HOSP	64.8	37.9	51.4	- 2.7	86	20	24	4	424	0	0	9	0	1.57	- 1.20	0.49	27		T	0	6	0	0
KENSAL WILDLIFE REFUGE	64.5	35.1	49.8		87	20	20	5	469	0	0	13	0	3.17		1.02	28	0.0	0		5	3	1
LANDON EXP FARM	60.7	33.3	47.0	- 4.8	83	20	21	3	550	0	0	16	0	3.12	1.13	0.97	28	1.5	T	2+	7	2	0
LARIMORE	62.4	37.9	50.2	- 3.2	82	20	25	3+	456	0	0	9	0	3.20	0.47	1.31	28	2.5			6	3	1
LISBON	64.5	37.6	51.1	- 3.7	82	21+	23	5	433	0	0	11	0	1.77	- 1.00	0.86	28		0		5	1	0
MAYVILLE	63.3	36.8	50.1	- 5.3	83	21	24	3	461	0	0	12	0	1.12	- 1.60	0.43	28	1.1	1	2	3	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

NORTH DAKOTA
MAY 1954

TABLE 2.-CONTINUED

Station	Temperature											Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.	Min.	50° or Above	32° or Below	32° or Below					0° or Below	Total	Max. Depth on Ground	Date	.18 or More	50 or More
MC HENRY 5 N	62.4	35.8	49.1	- 3.6	85	20	21	4	486	0	0	13	0	2.49	- 0.18	1.05	28	1.7	1	2	4	2	1	
MC LEOD 3 E	65.4	37.1M	51.3M	- 4.5	85	23	22	5	432	0	0	12	0	1.31	- 1.70	0.58	14	1.3	0	0	2	1	0	
MUNICH 4 SW	60.9	34.3	47.6	- 3.6	84	20	22	1+	533	0	0	16	0	3.02		1.40	28	T	0	0	6	2	1	
OAKES	61.8	39.1	50.5	- 5.1	81	22	24	5	465	0	0	11	0	1.69	- 1.02	0.47	29	3.5	0	0	5	0	0	
PARK RIVER	62.7	37.2	50.0	- 3.6	84	20+	25	3	465	0	0	10	0	2.76	0.82	1.09	28		1	2	7	2	1	
PEMBINA 2 N	63.0	37.2	50.1	- 3.1	81	13+	25	3	463	0	0	14	0	2.61	0.42	0.61	28	0.0	0	0	8	1	0	
PETERSBURG	60.9	34.4	47.7	- 4.9	82	20	22	5	532	0	0	14	0	2.44	0.00	1.03	28	0.0	0	0	5	2	1	
SHARON	62.4	36.0	49.2	- 4.9	80	20+	21	7	480	0	0	10	0	2.20	- 0.54	0.70	28	T	T	2+	6	1	0	
VALLEY CITY	65.4	38.2	51.8	- 2.8	85	21	25	4+	407	0	0	11	0	2.07	- 0.71	0.78	27				6	1	0	
WAMPETON STATE SCHOOL	66.1	38.5	52.3	- 4.0	85	21	24	3	402	0	0	13	0	2.84	0.14	1.05	30				6	2	1	
DIVISION			50.1	- 4.2										2.26	- 0.23			1.2						
MIDDLE DIVISION																								
ASHLEY	65.0	35.8	50.4	- 3.8	84	20	19	4	451	0	0	12	0	2.08	- 0.32	1.00	27	T	T	2	5	1	1	
8ELCOURT INDIAN RES	59.1	31.6	45.4	- 4.4	82	20	12	4	599	0	0	17	0	3.23		1.18	27	T	T	2	5	3	1	
81S8EE	60.9	35.6	48.3	- 4.4	85	20	22	1	511	0	0	16	0	1.98	- 0.17	0.74	28	0.2	0	0	5	2	0	
81SMARCK W8 AP	65.2	38.3	51.8	- 3.0	89	20	20	4	420	0	0	9	0	2.01	0.07	0.66	27	T	T	1+	4	2	0	
8OTTINEAU	59.5	35.5	47.5	- 4.8	84	21	20	3	420	0	0	13	0	2.19	0.14	0.93	23	0.1	0	0	4	2	0	
8UTTE	61.0	36.8	48.9	- 5.9	85	21	20	1	420	0	0	12	0	1.49	- 0.99	0.65	31	T	T	2+	3	1	0	
CARSON NO 2	65.1	37.6	51.4	- 3.1	89	20	18	3	429	0	0	8	0	2.84	0.44	1.02	27	0.0	0	0	5	2	1	
CENTER	65.0	35.7	50.4	- 4.1	88	20	15	4	459	0	0	13	0	1.56	- 0.71	0.52	23	0.0	0	0	5	1	0	
ORAKE	61.1	37.1	49.1	- 5.6	84	21	20	4	459	0	0	12	0	2.51	0.43	0.67	31	0.0	0	0	7	3	0	
ECKMAN	60.8	34.5	47.7	- 4.9	85	21	19	1+	459	0	0	13	0	1.90	- 0.08	0.90	27	0.0	T	1	4	2	0	
FESSENDOEN	63.8	36.0M	49.9M	- 3.4	87	20	20	4	454	0	0	0	0	2.52	0.24	0.98	28	T	0	0	6	2	0	
FORT YATES	68.8	39.1	54.0	- 2.7	88	20+	19	4	362	0	0	8	0	2.34	0.18	0.85	23	0.5	0	0	3	3	0	
FOXHOLM 7 N	62.9	36.1	49.5	- 4.7	84	20	21	3+	477	0	0	12	0	1.71	- 0.32	0.91	27	T	T	2	2	2	0	
GARRISON	62.0	36.8	49.4	- 4.2	87	21	18	5	477	0	0	9	0	2.02	- 0.31	0.73	31	T	T	2+	4	2	0	
GRANVILLE	64.3M				86	20			477	0	0	0	0	1.58	- 0.45	0.70	23	T	0	0	4	1	0	
HANSBORO	60.1M	35.9M	48.0M	- 3.5	83	20			522	0	0	16	0	2.44	0.34	1.21	28	T	0	0	5	2	1	
LEEOS	62.6	35.8	49.2	- 3.4	86	20	20	4	495	0	0	13	0	2.76		1.00	27	T	0	0	5	3	1	
LINTON	67.8	38.0	52.9	- 2.8	87	20	17	4	379	0	0	10	0	2.80	0.51	1.20	27		0	0	4	3	1	
MAOONCK AGR SCHOOL	65.1	35.9	50.5	- 3.3	87	20	20	2+	454	0	0	14	0	1.30	- 0.75	0.43	27		0	0	4	0	0	
MANOAN EXP STATION	63.9	38.7	51.3	- 3.8	89	21	21	5	401	0	0	9	0	2.14	- 0.12	0.77	28	T	0	0	4	2	0	
MANOAN FT LINCOLN PARK	68.3	36.6	52.5		92	20	18	3	401	1	0	11	0	2.24		0.78	28	T	T	2	4	3	1	
MAX	62.2M								401	0	0	0	0	2.18	- 0.02	1.01	27	T	0	0	4	2	1	
MC CLUSKY	63.5	36.6	50.1	- 3.9	86	20	17	3	465	0	0	12	0	2.04	- 0.42	0.73	30	T	0	0	4	2	0	
MINOT CAA AP	60.3	37.6	49.0	- 4.1	82	20	21	1	495	0	0	8	0	1.64	- 0.52	0.42	27	0.9	1	2	5	0	0	
MINOT EXP STATION	62.4	36.3M	49.4M		84	20	20	1	488	0	0	12	0	1.31		0.50	23	T	1	1+	5	1	0	
MOFFITT 4 SE	65.6	37.0M	51.3M		87	21	16	4	441	0	0	11	0	3.50		1.46	28	T	0	0	5	3	1	
MOHALL	61.7	34.6M	48.2M	- 4.9	85	20	16	1	519	0	0	14	0	2.78	0.80	0.75	27	T	2	1+	6	3	0	
NAPOLÉON	65.7	37.8	51.8	- 1.4	85	20	21	3+	413	0	0	10	0	3.81	1.37	2.02	28	0.5	T	2	6	2	1	
NEW SALEM 1 S	64.6	37.5	51.1	- 2.3	89	20	18	3	439	0	0	10	0	1.48	- 0.92	0.55	23	0.0	0	0	4	1	0	
PETTIBONE	64.0	37.5	50.8	- 2.4	85	20	20	2	441	0	0	9	0	2.67	0.41	1.00	28	T	0	0	5	3	1	
RIVEROALE	61.8	37.2	49.5	- 4.6	86	21	21	1	441	0	0	9	0	2.91		1.38	31	T	T	2+	4	2	1	
ROLLA	58.4	35.0	46.7	- 5.3	82	20	19	1	557	0	0	14	0	3.12	1.00	1.33	28	1.0	1	2	6	2	1	
RUGBY	62.9	37.3	50.1	- 4.6	85	20	22	3+	464	0	0	9	0	1.82	- 0.15	0.62	27	1.3	0	0	6	1	0	
SAN HAVEN	59.5	36.9	48.2	- 4.6	83	20	21	1	517	0	0	10	0	3.06	1.19	0.76	27+	T	T	2	6	4	0	
STEELE	66.1	36.4	51.3	- 2.7	86	20	20	3	431	0	0	12	0	3.53	1.01	1.41	28	T	T	2	5	2	1	
TOWNER	63.9	35.2	49.6	- 4.7	85	20	21	3	477	0	0	11	0	2.05	- 0.16			0.0	0	0	6	1	0	
TURTLE LAKE	65.5	37.5	51.5	- 2.4	87	20	19	3	426	0	0	10	0	2.17	0.00	0.70	31	0.0	0	0	5	2	1	
UNTERWOOD	62.5	36.8M	49.7M	- 6.6	86	21	19	3+	426	0	0	9	0	2.12	0.00	0.73	27	0.3	0	0	5	2	0	
UPHAM 3 N	64.4M	35.3M	49.9M		85	20	19	4	466	0	0	12	0	1.60		0.63	27	T	T	2	4	2	0	
VELVA	63.2	36.8	50.0	- 4.6	84	20	22	1+	464	0	0	11	0	1.92	- 0.26	0.76	23	0.5	T	2	4	1	0	
WASHBURN	66.9	38.7	52.8	- 2.5	88	20	21	1+	386	0	0	7	0	2.29	0.12	0.90	23	0.0	0	0	4	2	0	
WESTHOPE	61.7	34.9	48.3	- 4.8	87	20	19	1	513	0	0	12	0	1.94	0.06	0.76	23	0.0	0	0	5	1	0	
WILLOW CITY	62.6	34.2	48.4	- 3.8	85	20	20	3+	512	0	0	16	0	1.84	- 0.07	0.66	23	1.0	T	2	4	2	0	
WILTON	64.2	37.5	50.9	- 3.0	83	20+	19	3	438	0	0	8	0	2.79	- 0.40	0.74	23	T	0	0	5	3	0	
WISHEK	65.0M	35.2M	50.1M	- 3.1	84	20	21	3+	458	0	0	14	0	1.87	- 0.54	0.87	28	0.0	0	0	5	1	0	
DIVISION			49.9	- 3.9										2.27	0.11			0.1						
WESTERN DIVISION																								
ALMONT 7 SW	65.9	39.2	52.6		91	20																		

DAILY PRECIPITATION

NORTH DAKOTA
MAY 1954

Table 3

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ADAMS 7 S	3.00		.05	7										.01									.02	.73			.63	.95	.29	.03	.29	*		
ALEXANDER	1.12						.02							.42								.04	.22	.10			.20	.04	.07	.01		*		
ALMONT 7 SW	2.04		.01												.01									1.07			.43	.37	.15			*		
AMROSE	1.99	.09	.02	T										.29									.12				1.33	.14	T			*		
AMENIA	1.21		.20	.05																				.30				.42	.24			*		
AMIOON	.96		T	T										.09									.03	.39	7			.21	.15	.04		.05	*	
ARVILLA STATE PARK	1.86		.18	.02																				.24				.34	.81	.06			.21	*
ASHLEY	2.08	7	.02												.03				T					.23			.23	1.00	.44	.01	.01	.11	*	
BALTA	1.95		.02											.17										.48			.10	.54	.34			.47	*	
BANTRY	1.41			T																			.49	.37			.15	.40					*	
BEACH	.98		7	7			.01							.16									.19	.11	.04			.29	.12	.06			*	
BELCOURT INDIAN RES	3.23		.07											.02		.07								.50			1.18	.76	.38			.21	*	
BELFIELD	1.60		T											.17									.09	.44	.06		.23	.29	.08			.03	*	
BERTHOLD	2.13		.03	.01			.21							T									.05	.93	.01		.02	.94	.12	.02			*	
BEULAH	2.28																							.91			.35	.16	.06			.80	*	
BISBEE	1.98		.02											.17		.05								.62	.74	.20	.02	.62	.74	.20	.02	.16	*	
BISMARCK W8 AP	2.01	7	7					T						T										.45	T		.56	.66	.21	T	.08	T	*	
BISMARCK 12 ENE	2.45		T	T											.50	7							.30	.60	.98	T						.07	*	
BOTTINEAU	2.19		.01	7											7								.01	.93	.09		.78	.10	.01	.24		.02	*	
BOWBELLS	1.93		.10											.01	.06								.16	.47	.01		.97	.11				.04	*	
BOWMAN COURT HOUSE	1.33													.06									.04	.54			.13	.46	.10	T			*	
BOWMAN 11 SE	1.14													.09			.03							.52			.21	.27	.02			T	*	
BOWMAN 30 NNW	.89													.15									.23				.28	.23					*	
BUR7 16 N	1.89		.04				.24							.01										1.02			.15	.01	.25	7	.08		*	
BUTTE	1.49		T	.03																			7	.46	.08		.25	.02	7			.65	*	
CARRINGTON	4.42			.26																			.10	.20			.59	.80	.30			2.17	*	
CARSON NO 2	2.84		7				.23							7					.08				T	.99	T		.30	1.02	.22				*	
CAVALIER	3.05		.27	.02				T						.16	.07								T	.32	.02	T		.27	.68	.38	.01	.83	*	
CENTER	1.56		.03	T										.52	T									.37	.27		.15	.37	.07	.22			*	
COLGATE	1.71	T	.07	.01																			.26				.40	.74				.23	*	
COLUMBUS	1.48		.10											.20									.09	.08	.01			.75	.08	.04	.13	*	*	
COOPERSTOWN	2.78	T	.16	T											.05	T							T	.48			T	.62	1.00			.47	*	
COURTENAY	2.44	T	.17																				.04	.48			.13	.75	.44			.43	*	
CROSBY	1.57	T	.12											.33	T								T	.08	.02		T	.66	.11	.08	.03		*	
DEVILS LAKE W8 CITY	3.17		.14	T										.06	T								T	.86	T		.21	.68	.38	.01	.73	.10	*	
DICKINSON CAA AP	1.43	.02	.02			.01	.08							.02	7			T	T			T	.03	.27	.36		.32	.24	.03	.03			*	
DICKINSON EXP STATION	1.67			.03										.04										.01	.70	.02		.35	.26	.03			.11	*
DOHNBROOK	2.21	.10	.32	T		T																		.20	.73		.12	.74	T				*	
ORAKE	2.51			.10											.56	.15								.04	.72	.02		.39	.03	.07			.67	*
OUNN CENTER	1.34		.01	T										.06																			*	
ECKMAN	1.90			.05																				.65	.05			.90	.10			.05	*	
EDGELEY EXP FARM	1.88		.15	.27										.02									.03	T	.14			.41	.44	.24			.18	*
EDMORE 1 W	3.02		T	.05										.09										.42	T			1.47	.25				.74	*
ELGIN 5 S	2.31	T	T			J																		.76	T		.26	1.27	.02	T			*	
ELLENDALE	1.90	.03	.20	.05											.12									T	.04			.23	.59	.62	7	.02	*	
ENOERLIN	1.65	.06	.27													.14								.04	.08			.26	.35	.41			.04	*
EPPIING	1.17													.10									.06	.05	.09		.18	.58	.06	T	.05		*	
FAIRFIELD	.84	T	T				.11	T						.18										.33	T		.12	T	.02				*	
FARGO W8 AP	.81	T	.09	T										.01	.09									.30	T		.01	.35	.04	.01		.01	*	
FESSENDEN	2.52		.16																					.57	.02		.18	.23	.98			.38	*	
FLASHER	2.03																							.50				.54	.85	.14			*	
FLAXTON	1.62	T	.07	T										.09										.17	.17	T		.03	.99	T		.10	T	*
FORBES 13 NW	2.22	.02	.06												.08									.18			.40	.87	.55	.02	.04	T	*	
FORMAN	2.18	.14	.23	T										.26										.08			.22	.08	.83			.34	*	
FORT YATES	2.34		.01											.04										.85	.02		T	.84	.53				.01	*
FOXHOLM 7 N	1.71		.03																				.04	.68			T	.91	.04	.01	T		*	
FULLERTON	1.74	.08	.38												.10												.17	.37	.64				*	
GACKLE	2.20	.02	.17																															

DAILY PRECIPITATION

NORTH DAKOTA
MAY 1954

Table 3--Continued

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW SALEM 1 S	1.48	T	.04																				T	.55	T		.34	.31	.17	T	.07		
NEWTOWN	1.03		T											.20									.15	.45	.02		.04	.62	.15	T			
NOONAN	1.59			.14										.48									.06					.73	.05		.13		
NORTONVILLE	1.68	T	.10																				.07	.24			.11	.38	.56			.22	
OAKES	1.69	.08	.15	.05											.29	.04							T		.02			.22	.37	.47			
PARK RIVER	2.76			.10	.05										T	T							.19				.36	1.09	.12	.28	.57		
PARSHALL	2.28			.01										.07									.20	.50	.04		.10	1.12	.22	.01	.01		
PEMBINA 2 N	2.61			.31											.05	.16							.32		.03		.61	.23	.25	.25	.40		
PETERSBURG	2.44			.10	.02										.51								.51		.37	1.03	.07	.02	.30			.51	
PETTIBONE	2.67			.01												.02							.01	.53			.14	.47	1.00				
PINGREE	2.07			.10											.14								T	.47			.30	.12	.68			.26	
PORTAL	1.90			.09	T									.30	.11								.02	.20	T			.98	.03	.01	.07	.09	
POWERS LAKE 1 N	1.55	T																					.24	.20			T	.94	.10	T	.07		
PRETTY ROCK	2.35	T		.03										.02	.05								.04	.63			.32	1.10	.12	.04	T		
RAUB 10 SSW	1.42																							.65			.15	.40	.22				
REEDER	2.19													.09										.85			.60	.60	.05				
REEDER 14 N	2.02													T										.72	.28							.35	
RICHARDTON ABBEY	1.95	T		.07				.12						T						.06			T		.02		.09	.35	.09				
RIVERDALE	2.91			.03	T									T									.79	.05			.45	.16	.03			1.38	
ROLLA	3.12			.16										.02									.41				.72	1.33	.24	T		.24	
RUGBY	1.82			.13										T	.01								.41				.11	.62	.19	.01	.01	.33	
RYDER	1.82			.04																			.65				.98	.10				.05	
SAN HAVEN	3.06			.05										.01									.02	.51	.01		T	.76	.27	.76	.54	.13	
SCRANTON	1.41	T		T					T					.07			T						.66				.36	.32	T				
SELFIDGE 11 W	2.57			.04			.12							T					.05			T		.70	T		.33	.83	.50				
SENTINEL BUTTE 20 S	1.09												.28				.33						T	T			.33		.15				
SHARON	2.20	.02	.16	.10										.05	T									.48	.02		.18	.40	.70	.02	T	.30	
SHERWOOD 3 N	2.42			.20																			.55	.54			.18	.82	.02	.02	.04		
SHIELDS	2.43			T			.08							.05										.48	.02		.04	1.32	.31				
STANLEY	2.44	T												.13									.49	.49			.31	.89	.13		T		
STEELE	3.53			.08	.02																		.37	T			.32	.46	1.41	T		.87	
SYKESTON	2.49			.03																			.41				T	.34	1.25	T		.46	
TAGUS	1.71			.04										T									.22	.48	.02		.05	.89	T		.01		
TIOGA	1.10																						.20	.25			.50	.10		.05			
TOLLEY 5 NNE	2.95			.10																			.48	.38			.21	1.10	.20	.15	.14	.19	
TOWNER	2.05	.08																						.84			.28	.43	.04	.08		.30	
TROTTERS 6 MNW	1.45			T			.24							.40									.32	.08	.03		.30	T	.08	T			
TURTLE LAKE	2.17			.02	.02																		.05				.22	.28	.16		.16		
TUTTLE	3.37			.05	T									T			.01							1.10			.22	.28	.16		.16		
UNDERWOOD	2.12			.03	.02																		.01	T	.45	.17		.59	.10	.05		.70	
UPHAM 3 N	1.60			.05										T									.05	.58	.02		.13	.63		.10	.01	.03	
VALLEY CITY	2.07	.10			.44										.05								T	.40			T	.78	.15			.15	
VELVA	1.92			.05	.03																		T	.76			.29	.39	.05		.05	.30	
VERONA	1.48	.20													.08									.03	T		.08	.69	.40	T		T	
WAMPETON STATE SCHOOL	2.84	.08	.36	.10											.25								T				T	.46	.51	.03	1.05	T	
WALHALLA	2.68																							.28			.30	.42	.48	.02	.46		
WARWICK	2.06			T																				.41				.28	.96			.41	
WASHBURN	2.29			T	T									.02										.90		.07	.06	.37	.31	.03	.02	.51	
WATAUGA 5 OAK 8 N	2.45	T		T																				.94			.45	1.06	T	T			
WATFORD CITY	1.21						T							.22										.32	.13		.31	.17			.06		
WATFORD CITY 14 S	.72			T				T						.12										.16	.16		.08		.20				
WESTHOPE	1.94																						.22	.76			.05	.48		.15	.25	.03	
WILOROSE	1.26			.15											.24	T							.10				T	.49	.05		.23		
WILLISTON WB CITY	.73	.02	.01			T	.01						.03	.04	T								.07	.01	T		.21	.08	.06	T	.05		
WILLOW CITY	1.84			.07										T									.01	.66	.02		.20	.57	.08	.07	T	.16	
WILTON	2.79			.04	T																							.38	.56	.55	.01	.46	.04
WISHEK	1.87			.04	.02										.04									.16			.17	.38	.87	.02	.17		
WOODNORTH 5 E	2.19			.04																				.02	.42		.13	.18	1.10	T		.30	
ZAHL	1.53	T		.10										.50	T									.02	.15	.06	.07		.27	.18	.02		.06

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
MAY 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	44	35	45	55	65	59	56	61	62	68	68	75	77	76	76	67	71	70	72	91	86	78	63	66	75	66	64	49	65	74	63	65.9
	MIN	18	25	18	20	28	35	28	34	33	32	40	40	54	51	43	35	42	40	41	53	53	57	49	39	46	51	42	42	40	47	39	39.2
AMENIA	MAX	45	44	39	49	54	49	51	54	61	65	65	72	80	76	77	67	61	64	69	80	84	81	75	65	73	63	59	56	69	69	70	64.1
	MIN	27	29	24	27	28	31	30	30	31	34	36	36	46	56	47	40	33	38	37	45	49	53	55	42	30	40	48	43	38	48	46	38.6
AMIOON	MAX	42	37	33	45	56	63	64	68	74	67	69	73	72	66	73	72	66	71	65	75	88	85	67	57	65	75	61	55	51	66	68	63.2
	MIN	18	21	11	27	36	37	29	28	29	31	38	41	46	42	41	39	38	39	41	53	55	61	43	36	39	50	36	38	33	41	31	37.0
ARVILLA STATE PARK	MAX	46	41	40	48	54	52	50	53	59	63	63	72	80	80	72	65	60	64	72	83	82	78	74	62	65	75	66	61	68	66	61	63.7
	MIN	27	28	24	25	25	25	27	31	29	32	32	28	47	45	43	40	35	26	25	47	45	55	54	40	26	39	45	42	35	45	44	35.8
ASHLEY	MAX	45	38	43	52	54	55	54	56	60	65	67	74	79	74	74	69	65	64	77	84	83	81	76	71	74	69	65	50	63	71	63	65.0
	MIN	25	24	22	19	26	26	23	21	21	34	35	36	47	53	39	35	26	40	26	45	51	57	51	39	32	49	45	43	37	43	40	35.8
BEACH	MAX	38	38	34	45	58	66	58	59	60	64	66	70	77	70	74	71	65	73	66	72	87	78	63	58	57	76	62	60	47	65	59	62.5
	MIN	20	20	13	21	30	35	28	26	30	35	38	45	48	45	37	36	42	43	42	50	49	50	45	36	41	50	36	38	37	40	29	36.6
BELCOURT INDIAN RES	MAX	35	34	39	45	50	50	45	52	50	60	58	70	71	72	70	61	58	62	70	82	77	70	70	60	64	68	65	55	56	57	56	59.1
	MIN	17	21	21	12	18	21	21	28	25	31	29	34	46	31	39	35	20	25	29	46	47	52	45	32	33	39	40	38	27	40	39	31.6
BELFIELO	MAX	32	36	43	58	64	54	58	54	57	68	71	75	74	72	73	63	72	69	75	88	88	72	69	64	74	60	58	53	65	66	66	64.2
	MIN	15	14	13	24	19	21	24	27	29	32	35	43	49	42	38	33	28	40	45	51	51	49	39	36	42	44	41	40	35	35	31	34.7
BISBEE	MAX	37	33	40	46	51	46	46	51	54	59	59	72	76	76	63	68	61	66	69	85	79	73	71	63	65	72	67	63	64	57	57	60.9
	MIN	22	24	23	24	26	30	31	32	26	28	28	32	49	40	46	35	27	31	32	48	50	57	49	36	42	41	44	41	34	43	42	35.6
BISMARCK WB AP	MAX	46	36	46	55	62	59	58	56	61	65	66	77	78	76	75	65	65	66	73	89	84	83	62	67	77	61	63	51	67	71	62	65.2
	MIN	23	25	22	20	21	30	26	34	27	31	34	37	54	50	43	36	33	43	34	54	54	58	47	40	38	52	48	44	42	43	43	38.3
BOTTINEAU	MAX	35	38	35	41	48	54	52	50	54	53	60	61	74	70	72	66	55	60	65	72	84	79	72	59	61	66	67	64	55	61	61	59.5
	MIN	22	25	20	21	22	32	23	31	29	34	35	39	49	36	39	32	26	32	38	43	53	53	49	35	37	43	44	42	31	43	44	35.5
BOWBELLS	MAX	33	35	33	40	50	58	55	54	55	57	60	60	74	69	70	63	58	62	66	73	84	72	62	57	64	69	63	61	60	52	58	58.9
	MIN	17	20	15	20	25	28	30	35	28	30	33	37	47	38	38	30	31	31	34	36	52	50	49	36	37	36	45	41	38	31	38	34.1
BOWMAN COURT HOUSE	MAX	40	35	45	58	65	64	58	60	63	65	69	74	72	74	73	71	73	70	74	90	86	80	58	64	76	72	54	47	65	68	63	65.4
	MIN	20	21	10	31	28	29	26	29	30	34	41	43	51	48	38	39	40	41	43	52	57	56	44	34	45	47	35	40	36	43	33	37.5
BUTTE	MAX	37	40	32	42	50	57	53	53	54	56	60	60	75	75	76	56	56	60	65	72	85	79	79	58	65	73	63	65	52	66	65	61.0
	MIN	20	24	22	24	25	29	24	32	24	25	28	39	53	49	43	35	26	33	42	53	45	55	52	37	39	46	48	43	42	40	42	36.8
CARRINGTON	MAX		46		40	55	45	50			58	62	63	68	77			62	63	65	71	73	84	86	60	64	69	67		57		69	63.2
	MIN		22		22	25	23	28			38	27	32	37	40			29	37	39	43	47	47	46	36	34	44	45	44	38		40	36.0
CARSON MO 2	MAX	44	38	45	55	63	58	57	60	61	65	68	75	76	77	75	68	68	65	73	89	86	78	66	65	74	63	60	48	65	69	63	65.1
	MIN	22	25	18	20	24	35	27	33	27	32	37	37	37	48	38	40	44	43	37	51	58	56	48	40	39	50	43	42	38	38	39	37.6
CAVALIER	MAX	45	40	40	46	53	48	49	51	58	60	62	70	80	78	70	58	58	64	71	84	84	76	70	63	63	74	70	59	58	61	58	62.0
	MIN	28	30	25	29	29	29	29	34	31	34	35	35	46	45	46	42	37	36	33	46	54	56	55	37	33	41	44	42	36	44	42	38.0
CENTER	MAX	38	34	44	52	60	56	58	57	60	64	66	76	78	76	76	68	66	66	76	88	83	77	67	66	75	70	63	57	67	70	60	65.0
	MIN	22	25	20	15	20	27	28	24	24	30	31	35	38	37	35	31	28	44	46	50	53	61	50	38	38	48	49	42	4	38	40	35.7
COOPERSTOWN	MAX	45	42	39	48	54	53	49	52	59	63	62	71	79	77	75	69	61	62	69	84	83	79	75	63	67	70	70	57	66	68	64	63.7
	MIN	25	28	24	24	23	28	25	25	27	31	31	38	47	46	41	33	29	38	32	46	49	56	50	39	34	44	46	43	35	41	45	36.2
CROSBY	MAX	30	31	36	46	56	57	52	52	56	58	60	73	72	67	65	62	56	65	76	82	79	64	59	63	71	70	55	59	59	59	57	59.6
	MIN	18	19	17	20	26	31	32	29	29	29	36	45	47	38	42	33	37	34	46	49	50	51	45	36	39	49	46	42	42	40	30	36.4
DEVILS LAKE WB CITY	MAX	41	33	39	47	53	46	47	50	55	60	59	71	78	76	67	67	59	63	69	86	79	74	66	61	65	71	69	51	65	61	56	60.4
	MIN	25	26	24	25	26	28	28	31	26	31	31	35	49	46	42</																	

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Table 5-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GRAFTON STATE SCHOOL	MAX MIN	45 29	40 29	39 24	47 28	53 27	50 28	48 28	53 33	61 30	62 34	63 34	70 35	81 45	82 45	78 40	58 38	59 38	65 36	69 28	83 46	83 51	80 56	71 54	65 40	63 29	76 42	72 43	65 41	59 35	64 44	63 43	63.5 37.2
GRAND FORKS CAA AP	MAX MIN	47 28	35 26	38 25	45 27	51 26	47 26	49 27	53 25	60 28	62 33	64 33	71 40	80 47	79 52	72 41	55 37	58 39	63 32	71 29	80 47	82 74	73 59	48 37	59 48	63 31	75 44	66 46	52 40	66 36	68 41	54 40	61.7 36.7
GRAND FORKS UNIVERSITY	MAX MIN	46 29	42 30	37 26	46 29	52 30	47 28	50 29	53 27	60 29	63 35	63 36	69 42	79 48	78 54	72 44	66 38	60 40	64 33	68 33	80 46	82 51	74 59	72 58	63 35	64 35	73 46	65 48	59 43	63 37	68 44	50 38	62.2 39.3
GRAND RAPIDS 1 N	MAX MIN	47 25	45 29	43 26	51 22	58 19	54 23	55 29	53 31	62 26	64 30	66 31	76 36	79 47	79 51	78 40	70 32	62 28	68 34	70 27	82 44	85 45	83 55	78 54	68 41	76 35	72 49	70 49	63 43	69 39	73 44	62 49	66.5 36.5
GRANVILLE	MAX MIN	44 33	36 13	45 15	51 21	60 27	58 32	56 35	59 27	59 32	68 35	66 29	75 32	72 47	71 38	65 40	62 42	68 44	68 34	75 42	86 54	80 42	78 54	70 42	65 34	76 48	70 45	62 42	65 42	61 42	60 42	64.3 37.7	
GRENORA	MAX MIN	34 28	40 27	44 25	38 20	49 25	55 30	50 27	50 29	54 26	62 34	65 35	67 34	70 40	80 51	75 48	67 43	60 32	65 35	71 35	86 38	85 46	83 53	77 56	65 45	72 34	67 43	69 45	59 45	68 43	68 44	62.3 37.3	
HANNAH	MAX MIN	36 21	32 25	38 21	45 22	50 21	46 28	53 22	51 21	56 26	57 26	57 25	70 30	76 43	74 39	67 35	54 37	57 25	62 27	71 28	83 47	80 50	72 55	68 51	56 35	65 30	71 41	65 43	54 40	53 32	54 41	53 40	58.9 33.4
HANSBORO	MAX MIN	37 21	33 25		45 25	51 27	47 30	46 31	51 31	58 28	58 31	71 32	77 41	74 49	65 41	54 38	59 27	63 30	71 31	83 48	79 31	83 46	68 52	50 28	64 31	71 42	68 43	54 41	61 35	57 42	54 42	60.1 35.9	
HETTINGER	MAX MIN	38 22	35 22	45 14	58 27	65 31	62 37	69 27	60 32	62 32	69 33	73 41	72 51	75 49	76 40	70 39	70 42	66 40	72 42	91 53	86 59	78 59	60 45	65 38	73 43	69 48	51 39	66 36	68 44	62 38	65.1 38.9		
HILLSBORO	MAX MIN	45 28	44 30	37 24	46 27	49 27	49 29	49 30	54 29	60 32	63 35	65 36	70 39	79 47	78 51	75 42	71 38	60 36	64 37	69 32	80 44	84 44	80 44	74 43	62 42	65 32	73 45	65 46	60 42	69 38	68 41	63.3 37.3	
JAMESTOWN CAA AP	MAX MIN	48 25	35 25	41 25	51 25	58 25	54 26	51 30	54 31	61 25	63 29	65 33	74 29	81 48	79 46	75 43	63 43	63 29	66 34	71 31	86 45	84 46	79 55	66 47	66 38	72 47	69 48	50 39	68 42	69 40	60 41	64.2 35.9	
JAMESTOWN STATE HOSP	MAX MIN	46 25	40 27	41 25	49 24	57 25	52 27	50 30	53 33	61 28	62 33	64 33	73 36	81 49	80 48	75 49	67 38	60 31	65 40	71 34	86 48	85 49	83 55	77 53	65 39	72 35	67 49	69 49	59 33	68 40	70 43	61 47	64.8 37.9
KENMARE	MAX MIN	34 17	37 23	35 18	40 20	49 25	57 29	65 32	55 36	54 30	57 32	60 35	70 39	73 48	71 43	65 41	59 33	61 33	67 43	73 51	85 53	77 53	65 50	56 37	65 38	70 46	61 43	62 42	56 40	60 45	53 33	59.7 36.8	
KENSAL WILDLIFE REFUGE	MAX MIN	49 25	35 25	45 23	53 21	59 20	53 24	52 26	55 31	60 23	62 25	67 30	72 34	78 48	78 46	75 40	63 33	62 25	65 37	72 27	87 45	85 54	79 52	74 38	60 35	70 46	67 35	67 46	57 43	68 37	69 41	61 46	64.5 35.1
LANGOON EXP FARM	MAX MIN	45 22	40 26	44 21	50 22	54 22	50 23	52 25	58 26	60 23	62 25	68 26	76 25	73 46	68 36	62 40	58 36	65 32	68 28	83 33	80 47	70 43	62 53	58 47	60 32	72 40	67 42	58 40	58 32	57 42	55 41	60.7 33.3	
LARIMORE	MAX MIN	44 34	40 29	39 25	46 26	53 25	52 27	48 28	51 28	58 31	61 35	71 43	79 47	76 47	71 40	57 42	59 37	64 34	70 47	82 50	81 55	80 54	74 40	65 31	64 41	60 45	66 42	67 45	59 44	62.4 37.9			
LEEOS	MAX MIN	41 23	35 25	42 23	47 20	55 28	49 28	47 30	53 28	56 31	62 27	63 31	73 33	78 49	76 41	69 39	63 33	60 35	65 30	73 28	86 56	84 55	76 58	74 47	64 36	72 38	68 45	64 42	65 35	62 44	56 42	62 36	62.6 35.8
LINTON	MAX MIN	45 28	42 26	48 22	55 17	62 19	59 32	58 22	58 26	64 29	69 32	70 38	78 41	84 40	79 52	79 46	72 35	69 39	67 42	75 31	86 41	85 56	74 52	68 42	77 41	72 52	62 42	50 45	68 38	78 43	63 45	67.8 38.0	
LISBON	MAX MIN	42 27	45 28	39 25	50 24	57 23	55 26	49 26	53 28	60 26	64 32	66 34	72 35	77 47	79 54	76 47	73 35	60 31	63 36	66 29	78 42	82 54	82 54	79 45	65 37	71 35	71 47	66 50	64 41	67 39	69 43	61 51	64.5 37.6
LOSTWOOD 12 N	MAX MIN	33 17	31 20	37 18	46 16	56 22	55 27	52 27	53 32	56 29	59 30	61 35	75 41	73 49	69 36	65 36	62 31	61 31	65 31	72 39	81 49	78 50	70 49	57 45	64 34	72 44	62 43	56 39	59 37	50 38	54 30	59.9 34.2	
MADDOCK AGR SCHOOL	MAX MIN	38 25	44 20	53 20	59 21	54 28	53 29	57 31	60 24	63 28	59 30	62 30	73 32	78 49	77 42	71 38	65 33	62 26	67 37	73 40	87 56	85 77	75 59	66 51	67 38	69 45	69 45	63 45	65 43	64 45	61 45	65.1 35.9	
MANDAN EXP STATION	MAX MIN	42 23	46 26	35 22	45 22	53 21	61 38	56 26	56 35	56 26	60 32	65 34	67 36	76 54	78 50	76 43	74 38	64 32	65 42	65 35	73 52	89 58	84 61	82 51	61 39	66 39	75 50	61 45	62 45	52 41	67 42	70 42	63.9 38.7
MANDAN FT LINCOLN PARK	MAX MIN	43 20	40 24	47 18	56 20	62 22	59 37	58 32	59 33	64 28	67 30	70 36	78 32	80 37	80 48	78 42	73 35	69 30	70 48	92 38	85 50	86 52	78 49	69 32	77 35	75 50	66 44	52 42	70 40	73 40	66 40	68.3 36.6	
MARMARTH	MAX MIN	40 24	38 25	47 11	64 33	70 36	67 36	63 27	67 26	65 39	65 31	70 45	78 49	71 53	78 49	69 32	70 36	74 46	69 42		92 55	87 57	71 57	50 40	68 47	77 67	67 47	48 35	40 36	70 41	66 37	66.7 39.3	
MAX	MAX MIN	37 20			40 25	58 29	58 35	48 29	54 32	57 32	58 34	70 36	70 44	68 40	70 44	69 40	66 34	61 32	64 38	72 38		81 64	72 50	64 39	66 41	71 48	68 51	64 48	56 41	62 38	64 40	62.2 40.0	
MAYVILLE	MAX MIN	47 27	43 29	39 24	47 26	54 28	49 25	51 28	55 30	60 27	64 33	64 33	71 36	79 47	77 45	72 41	66 38	57 36	56 33	70 30	80 45	83 46	79 50	72 45	62 38	64 28	74 40	64 47	59 43	68 36	71 46	64 46	63.3 36.8
MC CLUSKY	MAX MIN	41 20	34 20	41 17	49 21	56 23	55 30	51 25	54 31	57 26	60 30	61 38	74 39	76 51	77 45	69 40	65 35	61 30	64 46	72 36	86 51	81 51	78 58	63 49	73 39	71 48	64 47	60 41	66 35	68 40	62 42	63.5 36.6	
MC HENRY 5 N	MAX MIN	44 25	36 27	37 24	47 21	54 25	49 29	47 25	50 26	59 26	62 30	60 30	71 35	78 46	76 49	71 39	64 33	60 28	63 38	68 33	85 45	83 45	76 55	74 52	64 37	66 41	70 46	69 46	57 39	67 43	66 45	62.4 35.8	
MC LEO 3 E	MAX MIN	50 32	41																														

Table 5 - Continued

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Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NEW SALEM 1 S	MAX MIN	45 27	36 22	45 18	53 25	62 28	58 38	59 26	56 37	60 26	65 32	67 31	75 35	76 50	75 51	74 41	63 36	66 34	66 39	71 35	89 50	85 55	78 59	65 53	65 39	74 30	65 38	61 47	51 42	66 38	72 42	61 40	64.6 37.5	
NEWTOWN	MAX MIN	35 21	34 24	42 20	52 27	62 23	58 32	58 28	57 31	61 30	63 31	68 38	77 42	73 51	75 40	69 41	64 36	65 38	68 39	75 39	87 50	83 57	71 55	56 50	66 37	76 42	69 50	61 47	57 42	64 41	67 43	61 33	63.7 38.0	
OAKES	MAX MIN	35 27	44 29	36 25	41 25	50 24	55 27	53 30	50 29	53 29	60 32	63 34	64 38	71 51	78 70	70 41	75 38	63 32	61 38	64 33	66 42	78 50	81 57	80 61	70 42	66 37	72 52	60 50	65 45	52 40	66 42	69 40	61.8 39.1	
PARK RIVER	MAX MIN	43 27	42 27	40 25	47 27	53 28	52 28	49 29	51 35	58 34	61 35	60 34	70 33	80 41	78 41	73 39	65 41	58 39	63 32	70 31	84 45	84 52	78 56	69 60	60 31	63 42	74 44	68 42	63 42	61 36	65 45	61 45	62.7 37.2	
PARSHALL	MAX MIN	35 21	34 23	41 17	51 16	60 21	58 31	56 23	67 35	60 28	62 27	65 30	75 43	71 50	74 36	68 35	63 29	65 38	67 42	70 38	86 42	82 66	75 59	62 50	65 36	75 38	74 51	62 48	56 42	64 37	61 41	59 32	63.3 36.1	
PEMBINA 2 N	MAX MIN	44 28	44 30	35 26	45 28	51 28	51 30	47 29	48 28	50 28	61 30	63 32	70 38	81 58	81 49	78 35	67 41	67 34	64 30	65 29	80 49	81 50	81 52	72 59	72 38	62 30	74 39	74 40	57 42	58 41	65 42	65 40	63.0 37.2	
PETERSBURG	MAX MIN	42 25	34 26	36 23	45 23	52 22	50 24	46 23	51 25	57 25	60 26	60 27	68 31	76 46	77 48	69 35	65 35	59 33	62 29	68 33	82 46	78 44	77 53	68 52	61 37	63 33	70 39	66 44	62 40	64 32	62 43	58 42	60.9 34.4	
PETTIBONE	MAX MIN	40 23	40 20	42 20	50 22	56 23	55 30	50 25	57 28	57 27	60 33	62 34	71 37	80 50	76 47	74 46	65 34	60 31	68 37	69 35	85 50	84 53	79 54	76 51	71 37	68 42	70 47	65 47	55 42	70 38	67 44	63 46	64.0 37.5	
PORTAL	MAX MIN	30 18	33 20	33 16	40 23	48 27	58 30	54 33	52 34	53 30	57 28	60 33	62 39	75 48	67 37	67 36	62 48	57 31	61 36	61 35	68 40	74 52	82 50	79 50	62 48	55 36	64 38	70 45	66 45	60 41	57 39	59 44	51 31	58.6 35.9
POWERS LAKE 1 N	MAX MIN	31 18	30 20	37 15	47 18	57 24	55 28	50 29	50 34	50 30	60 34	63 37	70 41	70 49	70 49	65 34	60 32	63 32	65 35	75 41	83 51	78 50	68 50	60 60	66 36	73 35	69 53	60 46	56 41	58 36	55 40	55 29	59.8 35.1	
RAUB 10 SSW	MAX MIN	37 20	35 20	43 21	53 20	62 30	60 35	57 29	57 35	61 39	62 40	68 37	72 45	70 53	77 44	71 42	64 36	66 37	66 40	88 54	77 51	75 60	60 50	66 40	77 44	65 52	62 48	62 47	57 42	67 41	65 40	62 35	63.4 39.1	
RICHAROTON ABBEY	MAX MIN	36 17	33 23	43 19	54 25	63 28	59 36	54 29	58 32	60 31	67 34	67 41	74 42	71 52	75 48	73 40	69 39	68 43	67 41	72 40	89 50	84 55	78 57	64 46	64 38	73 40	70 50	58 44	50 40	65 38	68 45	62 36	64.1 38.7	
RIVEROALE	MAX MIN	38 21	40 24	35 23	43 23	51 26	59 33	56 29	57 34	55 26	59 30	61 35	65 40	75 51	72 45	75 41	70 36	60 30	63 36	65 37	71 52	86 50	65 50	71 51	86 37	79 41	58 41	65 44	74 40	60 44	66 39	67 40	61.8 37.2	
ROLLA	MAX MIN	35 19	31 23	40 21	46 25	51 28	47 28	45 30	50 31	50 29	58 30	57 31	71 33	73 41	72 42	67 44	54 36	58 30	62 31	69 31	82 47	75 46	71 54	70 49	60 36	63 33	70 41	65 42	53 40	57 35	55 41	54 41	58.4 35.0	
RUGBY	MAX MIN	40 24	38 25	42 22	50 22	57 24	55 30	50 30	54 35	56 26	62 30	61 33	72 38	74 52	76 40	72 39	65 34	62 30	61 38	72 36	85 52	84 53	77 55	75 52	63 36	68 37	68 46	64 46	64 43	64 35	60 44	58 45	62.9 37.3	
SAN HAVEN	MAX MIN	36 21	34 24	42 23	47 23	52 26	50 32	47 28	52 33	50 31	58 34	58 32	71 38	68 47	73 43	68 46	59 37	57 30	64 35	70 40	83 48	80 51	69 56	69 49	60 34	64 37	62 42	62 43	62 40	58 36	60 42	58 42	59.5 36.9	
SHARON	MAX MIN	44 26	38 28	39 23	49 24	55 25	50 27	48 21	53 26	59 30	63 33	63 34	69 34	78 46	75 48	71 42	63 33	66 48	62 42	67 35	80 45	80 49	75 54	71 48	67 38	64 35	70 40	65 46	55 42	65 34	68 40	61 44	62.6 36.0	
STANLEY	MAX MIN	33 17	34 19	40 19	49 24	59 25	55 32	56 29	57 33	57 29	59 35	62 33	74 35	69 46	70 65	65 44	58 36	63 33	68 40	66 36	83 53	73 52	70 48	54 36	63 37	72 47	68 46	60 47	53 40	61 39	56 41	60.1 36.1		
STEELE	MAX MIN	45 22	43 24	43 20	52 21	58 22	58 32	56 23	56 29	60 26	63 29	64 29	75 37	79 52	78 48	75 43	72 35	63 29	65 34	72 36	86 50	85 51	84 58	80 50	67 36	76 35	74 43	58 49	58 43	67 38	70 43	67 41	66.1 36.4	
TOWNER	MAX MIN	39 22	35 23	46 21	52 22	49 23	54 29	58 23	56 33	53 27	65 35	62 31	74 33	74 52	77 44	68 39	64 31	66 29	67 35	74 37	85 52	82 51	78 54	72 37	64 33	70 44	65 45	69 33	66 34	60 40	62 43	63.9 35.2		
TURTLE LAKE	MAX MIN	42 21	38 24	43 19	51 21	59 23	58 36	54 26	55 34	60 27	63 31	65 35	75 39	76 51	77 45	72 41	69 31	64 31	67 38	72 40	87 52	86 52	79 60	79 51	65 37	74 39	73 48	66 48	65 42	67 43	70 40	59 42	65.5 37.5	
UNDERWOOD	MAX MIN	38 20	41 24	38 19	43 19	50 23	60 36	55 25	56 34	55 28	59 30	62 34	65 39	75 51	76 44	78 39	72 34	61 32	65 37	66 37	74 52	86 51	77 50	79 50	58 36	66 40	76 49	62 48	64 44	48 40	67 39	67 39	62.5 36.8	
UPHAM 3 N	MAX MIN	41 20	36 26	46 21	52 19	58 22	55 29	54 23	56 33	59 26	63 32	64 32	76 37	74 49	77 36	72 38	66 30	63 28	69 34	77 49	85 54	83 55	75 55	70 51	67 37	70 35	67 41	66 46	67 34	59 45	65 44	64.4 35.3		
VALLEY CITY	MAX MIN	47 28	46 29	40 26	50 25	56 25	55 28	49 28	54 29	62 28	63 35	64 35	73 38	80 48	78 51	75 46	73 48	61 35	65 32	72 39	82 56	85 49	80 56	78 64	62 36	74 44	72 48	71 47	67 45	68 43	71 45	65 40	65.4 38.2	
VELVA	MAX MIN	41 22	35 26	43 22	50 23	58 22	56 28	54 26	57 35	57 24	61 26	60 30	76 35	74 55	75 41	69 35	65 34	29 60	66 33	72 35	84 55	81 47	78 52	70 39	64 48	72 35	70 48	64 47	62 43	65 42	63 43	58 42	63.2 36.8	
WAMPETON STATE SCHOOL	MAX MIN	42 29	41 29	38 24	50 25	59 30	58 28	54 26	58 27	65 31	69 30	70 32	77 41	77 47	79 53	79 46	76 36	64 30	66 34	68 30	77 42	85 53	84 56	81 45	70 37	73 35	72 49	70 49	60 41	68 38	70 45	58 51	66.1 38.5	
WASHBURN	MAX MIN	44 21	38 26	45 21	55 24	64 26	60 37	58 27	56 35	56 34	67 30	68 37	76 39	77 52	79 47	75 40	70 36	66 33	68 39	73 38	88 51	85 55	82 60	75 50	66 37	76 42	75 50	65 48	63 43	70 40	71 44	62 42	66.9 38.7	
WATFORD CITY	MAX MIN	35 12	34 21	43 17	55 24	64 26	56 34	58 36	61 29	63 30	67 34	69 38	78 46	72 50	74 40	70 38	63 36	70 44	70 42	78 53	88 57	80 54	69 49	58 40	66 47	77 40	69 47	62 47	53 42	66 41	57 31	63.1 38.2		
WATFORD CITY 14 S	MAX																																	

NORTH DAKOTA
MAY 1954

Table 6

Station			Day of month																															Total or Avg
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEVILS LAKE WB CITY	EVAP WIND	* 102	* 84	.12 108	.12 88	.18 48	.16 61	.14 52	.11 43	.14 34	.16 33	.17 30	.21 53	.30 93	.18 37	.35 109	.20 65	.13 33	.25 37	.22 35	.25 38	.34 60	.30 87	.15 104	.20 156	.20 53	.30 110	.10 88	.04 65	.09 51	.10 61	- 2111	5,388	
DICKINSON EXP STATION (A)	EVAP WIND	- 170	- 110	- 165	- 55	- 40	- 45	- 105	- 65	- 85	- 140	- 115	- 185	- 190	-.05 20	.20 40	.16 135	.19 85	.16 110	.15 90	.29 220	.18 95	.18 175	.15 170	.13 210	.19 330	.12 120	.08 102	.06 140	.14 90	.15 155	- 3905	5,388	
EOGELEY EXP FARM	EVAP WIND	- 293	.15 254	.27 230	.20 130	.20 99	.20 74	.20 123	.15 161	.20 118	.20 68	.21 72	.22 66	.31 78	.35 119	.23 86	.38 103	.30 71	.30 91	.33 75	.33 88	.38 103	.27 107	.15 160	.26 98	* 108	* 141	.46 80	.11 100	.23 91	.20 105	7,488		
MANOAN EXP STATION (A)	EVAP WIND	.16 281	.15 246	.08 257	.12 146	.12 80	.13 79	.19 161	.16 142	.14 88	.14 85	.15 83	.17 102	.23 199	.17 126	.25 82	.25 138	.21 129	.16 85	.15 57	.33 241	.33 86	.22 224	.22 225	.22 241	.16 151	.28 239	.14 195	.12 119	.06 161	.14 110	.16 216	4,774	
RIVERDALE	EVAP WIND	- 206	.20 186	.11 178	.09 106	.16 52	.20 68	.20 110	.47 113	.08 99	.22 129	.25 165	.29 221	.35 221	.32 76	.28 68	.33 118	.20 101	.21 81	.28 96	.44 273	.33 125	.35 259	.49 173	.17 232	.18 134	.44 274	.21 242	.13 116	.17 149	.25 143	.12 165	7,778	

(A) PAN 6 FT IN DIAMETER, 24 INCHES OEEP, IN GROUND 20 INCHES.

SNOWFALL AND SNOW ON GROUND

Table 7

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL SN ON GND	T																														
AMENIA	SNOWFALL SN ON GND	T	1.0																													
AMIDON	SNOWFALL SN ON GND	T	T																													
ASHLEY	SNOWFALL SN ON GND	T	T																													
BELCOURT INDIAN RES	SNOWFALL SN ON GND	T	T																													
BELFIELD	SNOWFALL SN ON GND	T																														
81S8EE	SNOWFALL SN ON GND		0.2																													
81SMARCK WB AP	SNOWFALL SN ON GND	T	T					T																								
8OTTINEAU	SNOWFALL SN ON GND		0.1	T																												
8OWBELLS	SNOWFALL SN ON GND		-																													
CROSBY	SNOWFALL SN ON GND	T	-	1	T																											
DEVILS LAKE WB CITY	SNOWFALL SN ON GND		2.1	T					T																							
DICKINSON CAA AP	SNOWFALL SN ON GND	0.2	0.2																													
DUNN CENTER	SNOWFALL SN ON GND		0.2	T																												
EDMORE 1 W	SNOWFALL SN ON GND		T																												T	
ELLEDALE	SNOWFALL SN ON GND	T	1.0	0.7																												
FARGO WB AP	SNOWFALL SN ON GNO	T	0.9	T																												
FORT YATES	SNOWFALL SN ON GND		0.5																													
FOXHOLM 7 N	SNOWFALL SN ON GND	-	T																													
FULLERTON	SNOWFALL SN ON GNO	0.8	3.8																													
GARRISON	SNOWFALL SN ON GND		T	T																												
GRAFTON STATE SCHOOL	SNOWFALL SN ON GND		0.2																													
GRAND FORKS CAA AP	SNOWFALL SN ON GND	T	S.4	1.1																												
GRAND FORKS UNIV	SNOWFALL SN ON GND	T	1.8	0.7																											T	
GRANVILLE	SNOWFALL SN ON GND		T																													
HANSBORD	SNOWFALL SN ON GND		T																													
HETTINGER	SNOWFALL SN ON GND		T																													
JAMESTOWN CAA AP	SNOWFALL SN ON GND	0.5	2.0	T																												
KILLDEER 8 NW	SNOWFALL SN ON GND	T																														
MANDAN EXP STATION	SNOWFALL SN ON GND		T	T																												

Table 7-CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
MAY 1954

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MAYVILLE	SNOWFALL SN ON GND	0.1 1	1.0 1	T T																												
MC CLUSKY	SNOWFALL SN ON GND		T																													
MC HENRY	SNOWFALL SN ON GND		1.5 1	0.2 T																										T		
MEDORA 4 NNE	SNOWFALL SN ON GND		T																													
MINOT CAA AP	SNOWFALL SN ON GND	T 1	0.9 1					T	T																							
MINOT EXP STATION	SNOWFALL SN ON GND		T T																													
MOHALL	SNOWFALL SN ON GND		T 2		1	T	T																									
MONTPELIER	SNOWFALL SN ON GND	0.7 T	1.0 T	T																										T		
MUNICH 4 SW	SNOWFALL SN ON GND		T																											T		
NAPOLEON 1 SE	SNOWFALL SN ON GND	T 1	0.5 T																													
OAKES	SNOWFALL SN ON GND	1.0 1	2.0 2	0.5 -																												
PARSHALL	SNOWFALL SN ON GND		T T																													
PETTIBONE	SNOWFALL SN ON GND		T																													
RICHARDTON ABBEY	SNOWFALL SN ON GND	T 1	0.8 T																									T				
RIVERDALE	SNOWFALL SN ON GND		T T	T T																												
ROLLA	SNOWFALL SN ON GND		1.0 1	T																												
SAN HAVEN	SNOWFALL SN ON GND		T T																											T		
SHARON	SNOWFALL SN ON GND		T T	T T																												
STANLEY	SNOWFALL SN ON GND	T																														
UPHAM 3 N	SNOWFALL SN ON GND		T T																													
VALLEY CITY	SNOWFALL SN ON GND	-	-	-																												
WAHPETON STATE SCHOOL	SNOWFALL SN ON GND	-	-	T -																												
WILLISTON WB CITY	SNOWFALL SN ON GND	0.2 1	0.1 1	1	T																											
WILLOW CITY	SNOWFALL SN ON GND		1.0 T																													

STATION INDEX

NORTH DAKOTA
MAY 1954

Station	Index No.	County	Drainage+	Latitude	Longitude	Elevation	Observer	Refer to tables	Station	Index No.	County	Drainage+	Latitude	Longitude	Elevation	Observer	Refer to tables			
							Temp.	Precip.								Temp.	Precip.			
Adams 7 S	0022	Walsh	10	48 20	98 08	-	GP	Myron J. Sata	3	Melville	5833	Poster	5	47 20	99 02	1625	WID	Edgar S. Stegmeler	2 3 5	C
Alander	0096	McKenzie	38	44 50 10	28	2200	GP	Arthur J. Hanaua	3	Wheat CAA Exp.	5988	Ward	12	48 15	101 17	1722	WID	U.S. Civil Aero Adm	2 3 5	C
Almont 7 SW	0136	Morton	4	46 43 10	99	2300	7P	Bogan Ramland	2 3 5	Winnit Exp. Station	5993	Ward	12	48 10	101 18	1720	GP	M.C. Agri. Exp. Sta.	2 3 5	7 C
Ambrose	0189	Divide	12	48 55 103	28	2059	SP	Soo Line Agent	3	Morrif 4 SE	6015	Burleigh	12	48 40	100 14	1760	SP	U.S. Fish & W.L. Ser.	2 3 5	7
Amelia	0196	Cass	11	47 00	97 13	2018	SS	Virgil M. Gedeke	2 3 5	Mohall	6022	Reveille	12	48 46	101 31	1839	SP	Iver Johnson	2 3 5	7
Amidon	0209	Slope	1	46 29 103	19	2059	8A	Virginia W. Zundel	2 3 5	Moellier	6105	Stutsman	5	46 42	98 35	1379	GP	Rolf Reeson	3	7
Antler	0283	Bottineau	12	48 58 101	20	1540	WID	W. H. Wegner	2 3 5	Mott	6155	Bettenger	1	46 23	102 20	2420	SS	Forrest E. Coffing	2 3 5	7 C
Arvilla State Park	0369	Grand Forks	10	47 58 97	30	960	GP	Albert Thoresen	2 3 5	Muehlich 4 SW	6185	Cavalier	2	48 38	95 35	1598	7P	Harold Feldner	2 3 5	7 C
Ashley	0382	McIntosh	2	48 37 98	22	2025	SS	Soo Line Agent	2 3 5	Napoleon	6255	Logan	12	48 55	103 01	1960	GP	George Kostek	2 3 5	7
Baldhill Dam	0411	Divide	11	47 02 98	102	1300	WID	Corps of Engineers	3	New England	6315	Bettenger	1	46 33	102 52	2621	GP	Aetoe Selinger	2 3 5	7
Balfour	0452	McHenry	12	47 57 100	32	1615	WID	Raymond E. Weller	3	New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550	GP	Richard Stelach	3	7
Balta	0500	Pierce	11	48 10 100	02	1530	GP	Anton Schantz	3	New Salem 1 S	6365	Morton	4	46 50	101 25	2163	GP	William J. Gaebe	2 3 5	7
Baetry	0518	McHenry	12	48 30 100	36	1458	9A	Temple K. Roberts	3	Newtown	6383	Mountrail	8	47 59	102 29	1905	GP	Erwin A. Ventch	2 3 5	7
Beach	0590	Golden Valley	7	46 55 104	01	2414	6A	Beale Tobias	2 3 5	Noonan	6455	Divide	12	48 53	103 01	1960	GP	George Kostek	2 3 5	7
Belcourt Indian Res.	0626	Rolette	9	48 50 99	45	1960	SP	Turtle Mt. Ind. Ags.	2 3 5	Northgate	6535	Burke	12	49 00	102 16	1850	WID	U.S. Customs Sta.	2 3 5	7
Bellevue	0639	Stark	4	46 53 103	11	2592	7P	Carl Iedergrand	2 3 5	Northville	6565	La Moure	5	46 33	98 44	1508	GP	Reery L. Erickson	3	7
Berthold	0729	Ward	12	48 19 101	44	2080	GP	Joseph S. Cox	3	Oakes	6620	Dickey	5	46 38	98 05	1320	8A	E. Carrie Murray	2 3 5	7 C
Beulah	0768	Mercer	6	47 16 101	47	1780	8A	Mont. Dak. Util. Co.	3	Park River	6857	Walsh	10	48 23	97 45	998	SP	Martin Severson	2 3 5	7
Bisbee	0796	Towner	2	48 37 98	22	1800	GP	Robert J. Erick	2 3 5	Parshall	6867	Mountrail	12	48 37	102 08	1929	GP	C. E. Shubert	2 3 5	7
Bismarck NB Airport	0819	Burleigh	8	46 46 100	45	1600	WID	U.S. Weather Bureau	2 3 5	Pemba 2 N	6947	Pemba	10	49 00	97 14	790	4P	W.D. Customs & Imm.	2 3 5	7
Bismarck 12 ENE	0827	Burleigh	8	46 51 100	33	1759	SP	KFVR Transmitter	3	Petersburg	7027	Nelson	10	48 01	98 10	1524	SP	Rev. Odessa Monson	2 3 5	7
Bottineau	0941	Bottineau	12	48 50 102	27	1640	8A	N.D. Sch. of Fraternity	2 3 5	Pethione	7047	Kidder	8	47 07	99 32	1860	7P	L. R. Dethloff	2 3 5	7 C
Bowbells	0961	Burke	12	48 46 102	15	1953	8A	Fella L. Adams	2 3 5	Piegrue	7117	Stutsman	8	47 10	98 54	1572	GP	Jerry W. Taguey	2 3 5	7
Bowman Court House	0985	Bowman	3	46 11 103	23	2890	SP	O. B. Book	2 3 5	Portal	7201	Burke	12	48 00	102 33	1354	8A	U.S. Customs Serv.	2 3 5	7
Bowman 11 SE	0998	Bowman	3	46 04 103	19	2810	GP	Bereard L. Domagala	3	Powers Lake 1 N	7281	Burke	8	48 34	101 38	2205	7P	Herbert J. Clark	2 3 5	7
Bowman 30 NW	1001	Slope	7	46 35 103	31	2505	SP	John B. Hanson	3	Pretty Rock	7311	Grant	1	46 11	101 51	-	GP	Freda Leer	3	7
Breele	1052	Morton	1	46 24 100	56	1720	WID	Frank E. Potter	3	Raub	7405	McLean	8	47 44	102 04	1885	WID	Alvin Lullie	2 3 5	7
Buchanan	1214	Stutsman	1	47 04 94	38	1949	WID	H. H. Hendrickson	3	Raub 10 SW	7492	McLean	8	47 46	102 07	1958	GP	Arlie P. Rader	2 3 5	7
Butte	1225	McLean	12	47 50 100	40	1880	8A	Earl R. Ward	2 3 5	Reeder	7450	Adair	2	46 06	102 57	2810	GP	Robert Curlee	3	7
Cando	1288	Towner	8	48 29 99	12	1481	WID	Barry E. Harris	3	Reeder 14 N	7452	Slope	1	46 19	101 57	2784	8A	Chan. M. Metzler	3	7
Carrollton	1360	Poster	5	47 27 99	08	1579	7A	Soo Line Agent	2 3 5	Richardson Abbey	7530	Stark	4	46 53	102 19	2470	SP	Assumption Abbey	2 3 5	7 C
Carrington	1365	Grant	4	46 25 101	34	2310	GP	Wm. D. Drummond	2 3 5	Riverdale	7535	McLean	8	47 30	101 21	1910	8A	Corps of Engineers	2 3 5	7 C
Cassone No. 2	1370	Grant	4	46 25 101	34	2310	GP	Wm. D. Drummond	2 3 5	Rockwell	7535	McLean	8	47 30	101 21	1910	8A	Corps of Engineers	2 3 5	7 C
Cavaler	1435	Pemba	9	48 48 97	38	889	GP	Willie Hanson Pico	2 3 5	Rolla	7664	Rolette	8	48 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5	7
Ceator	1456	Oliver	8	47 07 101	18	2100	7P	Fred L. Helez	2 3 5	Roughy	7704	Pierce	12	48 22	100 00	1560	GP	Frank Hornstein	2 3 5	7
Colgate	1686	Steele	10	47 14 97	39	1890	GP	John P. Burchill	3	Sae Ravee	7749	Ward	8	47 55	101 40	2108	GP	S. C. Schellbaum	3	7
Conchaus	1696	Burke	12	48 54 102	47	1930	WID	U.S. Weather Bureau	2 3 5	Sae Ravee	7749	Ward	8	47 55	101 40	2108	GP	S. C. Schellbaum	3	7
Cooperstown	1766	Griggs	11	47 26 98	07	1428	SP	Deland M. Marsoe	2 3 5	Sherwood 3 S	7824	Rolette	12	48 00	101 38	1647	GP	N.D. State Hospital	2 3 5	7
Courtesy	1816	Stutsman	5	47 13 98	34	1523	SP	G. H. Hansavist	3	Sherwood 3 S	7824	Rolette	12	48 00	101 38	1647	GP	N.D. State Hospital	2 3 5	7
Crosby	1871	Divide	12	48 54 103	18	1954	GP	Vernon W. Nichols	2 3 5	Selridge 11 W	7952	Sioux	8	46 01	101 10	2183	7P	L. E. Wilce	3	7
Dawson	2018	Kidder	8	46 52 99	45	1730	WID	Ralph W. Wise	2 3 5	Sentinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	2662	GP	G. F. Bury	3	7
Dickinson CAA Exp. Station	2183	Stark	4	46 47 102	48	2589	WID	U.S. Civil Aero Adm	2 3 5	Sharon	7986	Steele	10	47 36	97 54	1516	GP	Rich Loy	2 3 5	7
Dickinson Exp. Station	2188	Stark	4	46 53 102	48	2460	7A	Dickinson Exp. Sta.	2 3 5	Shayenne	8057	Eddy	11	47 50	99 07	1480	WID	Alvin H. Kennedy	3	7
Doybrook	2242	Ward	12	48 31 101	53	1760	GP	Fred E. Feldner	2 3 5	Shields	8065	Grant	1	46 14	101 07	1806	GP	James M. Rodenbaugh	3	7
Drake	2262	McHenry	12	47 55 100	22	1834	8A	Ed. J. Evans	2 3 5	Staley	8276	Mountrail	8	48 19	102 24	2260	7P	Leroy Edwards	2 3 5	7
Dunn	2365	Dunn	6	46 21 102	37	2191	6A	Charles C. Moutel	2 3 5	Steele	8368	Kidder	8	46 51	99 55	1857	GP	Steele Ozone Press	2 3 5	7
Eckman	2422	Bottineau	12	48 39 101	33	1500	7A	Soo Line Agent	2 3 5	Sykeston	8608	Fella	12	47 38	99 24	1634	GP	David E. Hadland	3	7
Edeley Exp. Farm	2482	La Moure	5	46 20 98	42	1568	8A	N.D. Agri. Exp. Sta.	2 3 5	Tage	8627	Mountrail	12	48 20	101 56	2179	GP	George N. Pilgrard	3	7
Eldore 1 W	2525	Ramsey	1	46 25 98	29	1520	SP	Mike Davis	2 3 5	Tloga	8737	Williams	8	48 24	102 56	2279	GP	L. A. Sloan	3	7
Elliandale	2605	Dickey	5	46 00 98	31	1400	GP	Paul Gress	2 3 5	Tolley 5 NNE	8784	Reveille	12	48 47	101 47	1603	GP	Reery M. Christen	3	7
Enderlin	2695	Ramsey	11	46 38 97	36	2004	7A	Leonard Peterson	2 3 5	Trotter 6 WNW	8807	McKenzie	13	47 21	104 01	2420	GP	Walter Grunwald	3	7
Eppley	2735	Williams	8	48 17 103	21	2224	GP	Heuchler	2 3 5	Trotters 3 S	8812	Golden Valley	13	47 17	103 34	2420	WID	John O. Wellersaw	2 3 5	7
Esmond	2767	Benson	11	48 02 99	46	1650	WID	Lytle O. Ferling	3	Turtle Lake	8840	Kidder	8	47 31	100 53	1899	GP	Keute Soedrol	3	7
Fairfield	2809	Billings	7	46 21 99	49	2241	GP	John Petrusak	3	Tuttle	8850	Clenden	8	47 08	100 00	1680	GP	Theodore C. Ochsner	3	7
Fargo NB Airport	2859	Cass	10	46 54 96	48	895	WID	U.S. Weather Bureau	2 3 5	Upham 3 W	8877	McLean	12	48 07	101 08	2026	7A	Clarence W. Johnson	2 3 5	7
Fessenden	2849	Wells	5	47 39 98	37	1620	GP	Earl E. Rauter	2 3 5	Valley City 3 W	8913	McHenry	12	48 37	100 44	1425	GP	U.S. Wildlife Ref.	2 3 5	7
Fergus	3009	Morton	1	46 27 101	14	1830	GP	George W. Sinclair	3	Valley City 3 W	8937	Barnes	11	46 55	98 00	1229	GP	Miss I.C. Robertson	2 3 5	7
Flaxton	3018	Durbin	12	48 54 102	23	1940	GP	Palmer W. Dunham	3	Velva	8990	McLean	12	48 03	100 55	1511	GP	Oscar Anderson	3	7
Forbes 13 NW	3064	Dickey	5	46 04 98	56	1388	GP	Thomond M. Birch	3	Veroes	9035	La Moure	5	46 22	98 05	1382	GP	Marion O. Tase	3	7
Foran	3117	Sargent	10	46 06 98	39	1249	GP	Art Maternae	2 3 5	Wabpetoe Power Plant	9095	Richland	11	47 16	96 36	962	WID	Victor Burton	2 3 5	7
Fort Yates	3207	Slope	8	46 06 100	38	1840	SP	Soll Conservatoeist	2 3 5	Wabpetoe State School	9100	Richland	10	46 16	96 36	962	SP	St. Sch. of Science	2 3 5	7
Fryburg 7 N	3217	Ward	12	48 27 101	34	1830	GP	O. S. Wildlife Ref.	2 3 5	Walsh	9155	Pemba	9	48 55	97 55	950	GP	Pella A. Gastonpau	3	7
Fryburg 1 NE	3277	Billings	4	46 53 103	18	2742	WID	Eliaser Stuhallier	3	Warwick	9185	Benson	11	47 31	98 42	1475	GP	Virgil B. Johnson	3	7
Fullerton	3287	Dickey	5	46 10 98	25	1439	GP	F. O. Alin	2 3 5	Washburn	9196	McLean	8	47 17	101 02	1770	SP	Reben Sandstad	2 3 5	7
Gackle	3309	Logan	5	46 38 99	08	1951	GP	Alvin Busnel	2 3 5	Washburn Water Works	9205	McLean	8	47 17	101 02	1770	SP	Reben Sandstad	2 3 5	7
Glennie	3376	McLean	10	46 51 98	25	1910	7A	Alvin Busnel	2 3 5	Watauga, S. D. N. 8	9219	Grant	1	46 02	101 34	2074	GP	Mary E. Katus	3	7
Glen Ullin	3496	Morton	4	46 49 101	49	2090														

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

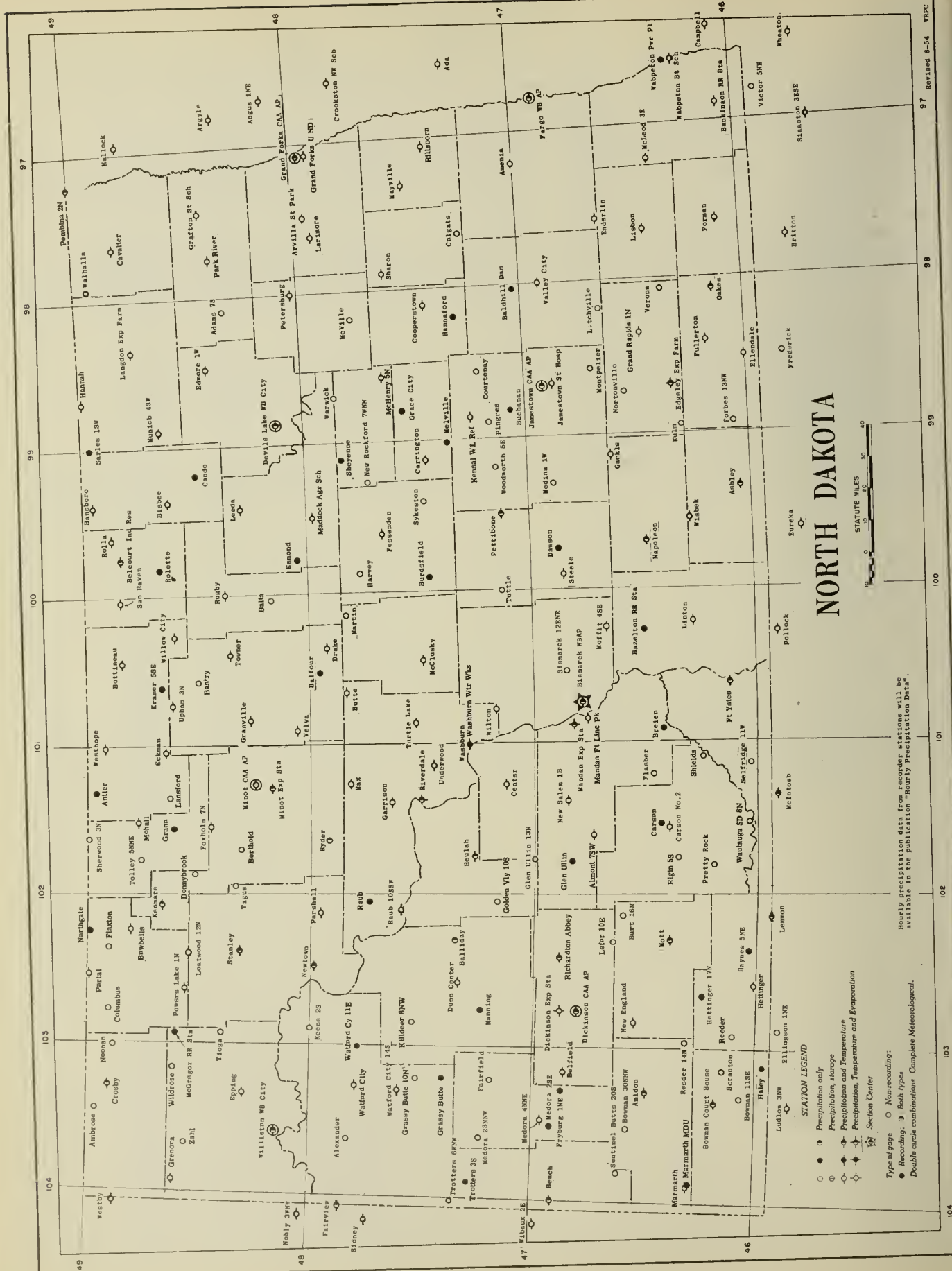
Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- ⊙ Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.
- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
- R Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
- T Trace, an amount too small to measure.
- V Include total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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WRPC, KANSAS CITY, MO., -- 7-1-54 -- 880



NORTH DAKOTA



- STATION LEGEND**
- Precipitation only
 - Precipitation, storage
 - Precipitation and Temperature
 - ◆ Precipitation, Temperature and Evaporation
 - ⊙ Section Center
- Type of page ○ Non-recording;
● Recording; ◆ Both types
Double circle combinations Complete Meteorological.

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

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op. 2

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CLIMATOLOGICAL DATA

NORTH DAKOTA

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JUNE 1954
Volume LXIII No. 6



NORTH DAKOTA - JUNE 1954

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

The outstanding feature of the weather in June was the unprecedented storm that moved northward through eastern North Dakota on the 7th and 8th. It caused widespread property damage from high winds and crop damage in north-central area from floods resulting from the excessive rains accompanying the storm. Excessive rains occurred on other days throughout the month in this same area and by the end of the month many stations had exceeded their all-time records for June rainfall. In contrast both east and west portions of the state did not average much above normal and in fact a few stations, particularly in the southeast, reported rainfall considerably below normal. It was a cool month and as a result crops were regarded as generally very good. An increasing infestation of black stem rust, however, was beginning to cause concern for the states wheat crop, particularly durum. The mean temperature for the state was 61.4 degrees which is 1.7 degrees below normal. The eastern division averaged 63.2 degrees which is 0.4 degrees below normal; the middle division averaged 61.2 degrees which is 1.8 degrees below normal, and the western division averaged 59.6 degrees which is 3.1 degrees below normal. The highest temperature was 96 degrees recorded at Bismarck and Carson #2 on the 23rd. The lowest temperature was 31 degrees recorded at Powers Lake on the 2nd and Willow City on the 1st. The highest mean temperature for the month was 66.8 degrees recorded at Wahpeton and the lowest was 56.9 degrees recorded at Crosby.

Precipitation averaged 4.94 inches over the state which is 1.43 inches above normal. The eastern division averaged 4.26 inches which is 0.72 inch above normal; the middle division averaged 7.00 inches which is 3.52 inches above normal, and the western division averaged 3.48 inches which is 0.02 inch below normal. Belcourt reported a total of 13.97 inches for the greatest amount in the state. Oakes reported the least with 1.40 inches. Two inches of hail fell at Dunn Center and at Elgin 5S.

Abundant moisture in almost all sections of the state, although it was excessive in many areas, was generally regarded as very satisfactory and resulted in lush vegetation. Crops made excellent progress in most sections but were retarded somewhat in northern sections due to cool weather early in the month. In most sections of the state crop growth was a little ahead of a year ago. Pastures too made excellent progress during the month and as a result livestock were in very good condition. Black stem rust made its appearance in the southeast portion of the state during the third week and by the end of the month had spread to all but the northwest portion. It was light in most areas but a few had moderate to heavy amounts at the end of the month. The damp humid weather was favorable for its development. Topsoil moisture was plentiful in most sections and ranges to excessive in some north-central counties. Areas around Fargo, Oakes and Lisbon were the driest. Subsoil moisture was also described as plentiful in nearly all sections. The wet weather in the north-central counties prevented reseeding of some crop land and also delayed summer fallowing. Otherwise farm work in other sections made rapid progress.

There were several stormy periods during the month. The most outstanding was on the 7th and 8th and is described in greater detail below. On the 13th and 14th high winds with a possible tornado struck in central and eastern North Dakota doing damage to barns and other farm buildings and small buildings in towns. Flooding rains were reported in a few areas damaging crops, roads and washing out approaches to bridges and in one case washing a car off the road and a quarter mile downstream. On the 27th high winds struck southwestern North Dakota doing damage to buildings and other property. Hail storms struck many sections of the state on several days. On the 13th a series of hail storms struck in an area from northern Billings and southern McKenzie counties eastward through Dunn and into Mercer County causing considerable damage to crops. Another severe hail storm struck central Grant County around Carson on the 16th with hail stones as big as hen eggs.

Storm of June 7-8

A low pressure system moved northeastward into eastern South Dakota by early morning of June 7. At this point it took a turn straight north and deepened rapidly as it moved into North Dakota. At noon on the 7th it was centered a little east of Devils Lake and by midnight was centered about a 100 miles northwest of Winnipeg, Manitoba. The entire eastern half of North Dakota suffered varying amounts of damage from high winds which accompanied the system. Fargo reported a fastest mile velocity of 91 miles per hour from the southwest setting a new record for highest wind at any time of the year.

(Continued on Page 89)

SUPPLEMENTAL DATA

NORTH OAKOTA
JUNE 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
BISMARCK W8 AIRPORT	WNW	12	12.7	65	E	27	81	85	57	59	5	7	5	1	1	0	19	57	6.3
DEVILS LAKE W8 CITY	-	-	9.1	49	SW	7	-	-	-	-	4	7	3	2	1	2	19	58	6.2
FARGO W8 AIRPORT	N	10	14.3	91	SW	7	80	83	54	55	12	3	1	1	0	0	17	56	6.8
WILLISTON W8 CITY	-	-	8.6	37	SE	5	-	83	52	51	4	8	6	1	0	0	19	60	7.6

COMPARATIVE DATA

Table 1

JUNE

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall	
1892	60.5	94	28	3.35	0		1915	56.7	94	20	4.81	0		1938	64.2	99	27	2.73	0	
1893	67.4	103	33	3.38	0		1916	58.0	92	29	3.87	0		1939	60.1	99	29	4.59	0	
1894	68.8	103	25	3.44	0		1917	59.7	103	23	2.07	0		1940	63.1	102	27	2.24	0	
1895	59.7	97	29	4.67	0		1918	63.3	102	27	1.58	0		1941	64.2	97	32	5.54	0	
1896	65.6	97	37	4.02	0		1919	67.2	108	22	2.21	0		1942	60.1	90	27	3.12	0	
1897	61.7	109	20	3.75	0		1920	62.2	98	26	3.53	0		1943	60.4	102	28	5.07	1.3	
1898	62.6	105	26	3.19	0		1921	68.2	108	30	3.62	0		1944	61.7	93	30	8.43	0	
1899	62.2	105	30	3.81	0		1922	63.5	108	30	3.79	0		1945	57.5	99	28	2.48	0	
1900	66.9	109	27	1.39	0		1923	66.1	100	30	3.94	0		1946	63.2	100	26	2.06	0	
1901	61.6	95	22	6.14	0		1924	58.6	89	26	4.04	0		1947	59.6	90	24	5.81	0	
1902	58.0	97	28	3.65	0		1925	61.5	98	30	6.00	0		1948	62.4	101	30	3.12	0	
1903	62.4	96	27	1.44	0		1926	60.7	104	22	2.61	0		1949	63.7	104	26	2.64	T	
1904	61.4	100	30	5.56	0		1927	61.2	99	22	2.82	0		1950	82.2	101	25	3.14	T	
1905	59.7	97	32	4.33	0		1928	58.2	92	24	4.89	0		1951	58.6	93	28	2.89	.3	
1906	62.0	95	32	4.78	0		1929	61.4	98	21	1.44	0		1952	64.9	102	30	3.21	T	
1907	61.9	95	25	2.93	0		1930	63.3	96	30	3.09	0		1953	63.0	98	28	5.45	T	
1908	60.4	93	27	3.41	0		1931	68.4	110	27	2.35	0		1954	61.4	96	31	4.94	T	
1909	62.9	98	28	3.45	0		1932	67.0	98	34	3.92	0								
1910	67.3	111	19	2.04	0		1933	70.7	110	33	1.77	0								
1911	66.9	108	25	3.05	0		1934	64.3	100	29	3.04	0								
1912	61.8	104	28	2.01	0		1935	60.3	99	25	3.04	T								
1913	85.8	101	27	2.45	0		1936	66.4	110	28	1.34	0								
1914	62.2	93	29	6.48	0		1937	63.5	109	25	4.03	T								

Averages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature										Precipitation												
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
											Max.		Min.						Total	Max. Depth on Ground	Date	.18 or More ^o	.50 or More	1.00 or More
											90° or Above	32° or Below	32° or Below	0° or Below										
EASTERN DIVISION																								
AMENIA		76.4M	52.9M	64.7M	0.8	92	23+	38	4	84	2	0	0	0	2.72	- 0.87	0.92	7	0.0	0		7	1	0
ARVILLA STATE PARK		75.4	51.2	63.3		90	23	33	1	114	1	0	0	0	2.47		0.99	11	0.0	0		5	2	0
CARRINGTON		71.3	50.1	60.7	- 2.7	92	24	35	1		1	0	0	0	6.85	- 3.40	2.27	8	0.0	0		8	5	3
CAVALIER		75.0	51.9	63.5	- 0.9	91	23	36	1	110	2	0	0	0	2.86	- 0.22	0.48	11	0.0	0		10	0	0
COOPERSTOWN		74.7	51.2	63.0	- 0.2	90	23	33	4	117	1	0	0	0	3.80	0.53	1.60	7	0.0	0		6	3	1
DEVILS LAKE W8 CITY		71.1	51.7	61.4	- 1.0	91	23	35	1	144	1	0	0	0	8.55	5.37	2.47	7	0.0	0		8	5	3
EOGELEY EXP FARM		73.2	51.3	62.3	- 1.3	89	24	36	1+		0	0	0	0	7.95	4.28	2.11	8	0.0	0		9	4	4
EMORE 1 W		71.8M	51.5M	61.7M	- 0.6	88	23	35	3	138	0	0	0	0	4.47	1.36			0.0	0				
ELLENDALE		76.7	52.5	64.6	- 0.2	91	28	39	1+	89	3	0	0	0	3.99	0.58	1.95	7	0.0	0		5	2	1
ENDERLIN		75.9M	51.3	63.6M		93	29	36	4	92	2	0	0	0	2.99	0.61	15	0.0	0		8	4	0	
FARGO W8 AP		76.2	54.3	65.3	0.7	92	23+	39	4	75	2	0	0	0	1.46	- 1.58	0.92	7	0.0	0		2	1	0
FORMAN		77.4	52.9M	65.2M	0.2	92	23+	38	4	87	3	0	0	0	2.74	- 0.86	1.17	7	0.0	0		6	2	1
FULLERTON		76.4M	52.4M	64.4M		93	24	36	4	90	3	0	0	0	5.66	1.75	2.46	7	0.0	0		6	4	2
GACKLE		73.8	50.1	62.0	- 1.3	93	23	38	1	151	1	0	0	0	4.46	0.99	1.68	7	0.0	0		7	3	1
GRAFTON STATE SCHOOL		74.9	50.7	62.8	- 0.9	93	23	36	1	115	2	0	0	0	3.67	0.42	1.01	21	T			8	3	1
GRAND FORKS CAA AP		75.4	51.6	63.5	- 0.1	91	23+	37	4	105	3	0	0	0	1.88	- 1.40	0.90	11	0.0	0		4	1	0
GRAND FORKS UNIVERSITY		75.8	52.4	64.1	0.7	91	28	38	3	91	2	0	0	0	2.31	- 0.97	0.99	11	0.0	0		7	1	0
GRAND RAPIDS 1 N		77.2	52.4	64.8		92	23	32	1	83	2	0	1	0	5.48		2.24	11	0.0	0		6	3	2
HANKINSON R R STATION		75.0M	53.3M	64.2M	- 2.7	92	29	40	2+		2	0	0	0	4.10	0.52	1.91	11	0.0	0		5	3	2
HANNAH		70.6	49.3M	60.0M	- 0.5	87	23	32	1	179	0	0	1	0	9.04	5.63	2.35	15	0.0	0		12	6	3
HILLSBORO		76.4	52.3	64.4	- 0.3	92	28	40	1+	92	2	0	0	0	5.05	1.63	2.30	14	T			6	4	1
JAMESTOWN CAA AP		72.6	51.1	61.9	- 1.8	90	23	33	1	134	1	0	0	0	5.81	2.31	2.56	7	0.0	0		7	4	2
JAMESTOWN STATE HOSP		75.0	52.4	63.7	0.0	93	23	35	1	109	1	0	0	0	5.58	2.08	2.20	7	0.0	0		7	4	2
KENSAL WILDLIFE REFUGE		73.7	49.8	61.8		90	23	32	4	144	1	0	1	0	5.38		2.86	7	0.0	0		5	3	1
LANGDON EXP FARM		71.1	49.1	60.1	- 0.5	88	23	32	3	180	0	0	1	0	6.80	3.56	1.40	8	0.0	0		14	5	2
LARIMORE		74.1	51.5	62.8	- 0.1	89	23	39	3	121	0	0	0	0	2.57	- 0.99	0.57	11	0.0	0		7	2	0
LISBON		76.9	52.7	64.8	- 0.4	90	23+	34	4	89	3	0	0	0	2.87	- 1.03	1.28	14	0.0	0		5	3	1
MAYVILLE		74.5	51.8	63.2	- 1.3	92	23	34	1	116	2	0	0	0	3.90	0.53	1.34	11	T	0		7	3	2

See reference notes following Station Index.

CLIMATOLOGICAL DATA

NORTH DAKOTA
JUNE 1954

TABLE 2 - CONTINUED

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										90° or Above	32° or Below	32° or Below	32° or Below					Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
MC HENRY 5 N	71.7	50.8	61.3	- 0.5	89	23	32	1	150	0	0	1	0	3.99	- 0.52	1.43	7	0.0	0		4	3	2
MC LEOO 3 E	77.7	52.2M	65.0M	- 0.3	94	28	36	4	90	3	0	0	0	1.41	- 2.42	0.93	7	0.0	0		4	1	0
MUNICH 4 SW	71.3	50.0	60.7		88	23	34	1	159	0	0	0	0	9.63		3.27	15	0.0	0		11	7	0
JAKES	75.5	53.7	64.6	- 0.7	90	24+	36	4		2	0	0	0	1.40	- 2.24	0.41	29	0.0	0		5	0	0
PARK RIVER	74.3	51.9M	63.1M	0.0	90	23+	36	1	109	2	0	0	0	2.98	- 0.28	0.81	14	0.0	0		5	4	0
PEMBINA 2 N	75.8	50.8	63.3	0.5	89	23+	35	4	108	0	0	0	0	3.94	0.75	1.13	11	0.0	0		9	3	1
PETERSBURG	72.8	50.3	61.6		89	14	33	1	148	0	0	0	0	3.40	- 0.10	0.86	15	0.0	0		7	2	0
SHARON	72.3	51.1	61.7	- 1.3	87	23	35	1	138	0	0	0	0	3.30	- 0.31	1.50	7	0.0	0		7	2	1
VALLEY CITY	76.6	52.5	64.6	0.5	91	23+	38	1+	92	2	0	0	0	3.50	- 0.05	1.26	10	0.0	0		8	2	0
WAPPETON STATE SCHOOL	78.4	55.1	66.8	1.0	92	28	37	4	57	3	0	0	0	3.06	- 0.52	0.90	11	0.0	0		7	2	0
OIVISION			63.2	- 0.4										4.26	0.72			T					
MIOOLE OIVISION																							
ASHLEY	73.2	51.4	62.3	- 0.9	89	23	36	4	129	0	0	0	0	4.62	1.20	1.13	7	0.0	0		10	4	1
BELCOURT INDIAN RES	69.1	45.6	57.4		86	23	32	4	242	0	0	1	0	13.97		3.03	7	T	0		11	9	6
BISBEE	71.4	50.7	61.1	- 1.0	90	13	34	1	157	1	0	0	0	13.23	9.87	2.63	7	0.0	0		11	8	7
BISMARCK WB AP	73.5	51.6	62.6	- 1.7	96	23	40	4	131	2	0	0	0	3.64	0.31	1.23	27	T	T	27	7	2	1
BOTTINEAU	69.3	48.7	59.0	- 2.8	88	24	34	4		0	0	0	0	10.44	7.25	2.38	8	0.0	0		11	7	5
BUTTE	70.5M	50.5M	60.5M	- 2.0	90	24	39	3		1	0	0	0	7.02	3.62	2.08	7	0.0	0		10	5	0
CARSON NO 2	73.6M	49.1M	61.4M	- 2.3	96	23	36	3+	169	2	0	0	0	2.30	- 1.18	0.75	2	T	0		8	1	0
CENTER	71.8	49.4	60.6	- 3.1	93	23	37	1+	165	1	0	0	0	3.31	- 0.25	0.74	7	0.0	0		10	1	0
ORAKE	70.1	51.6	60.9	- 2.9	88	24	39	1		0	0	0	0	8.77	5.61	2.58	14	0.0	0		10	6	3
ECKMAN	70.1	48.7	59.4	- 2.6	90	24	35	4		1	0	0	0	8.65	5.67	2.00	8	0.0	0		11	6	3
FESSENDEN	73.7	50.8	62.3	- 0.3	91	23	35	1+	133	1	0	0	0	4.57	1.09	1.49	7	0.0	0		9	3	2
FORT YATES	77.2	52.6	64.9	- 1.7	95	23	38	1+	93	4	0	0	0	3.14	- 0.33	0.68	7	0.0	0		8	3	0
FOXHOLM 7 N	72.7M	50.2M	61.5M	- 0.4	92	23			143	1	0	0	0	5.52	2.54	1.46	7	0.0	0		10	5	1
GARRISON	70.0	49.2	59.6	- 3.3	91	24	38	3		1	0	0	0	4.57	1.15	0.83	17	T	0		11	4	0
GRANVILLE	71.7M	51.1M	61.4M	- 1.3	89	23	42	4	142	0	0	0	0					0.0	0				
HANSBORO	69.3M	49.9M	59.6M	- 1.2	87	23	33	1	187	0	0	0	0	8.82	5.50	2.20	7	T	0		12	6	3
LEOS	72.9	52.3	62.6		91	23	35	1	129	1	0	0	0	11.59	2.65	1.4	0.0	0		9	5	5	
LINTON	75.9	51.2	63.6	- 1.6	95	23	41	1+	108	2	0	0	0	3.42	0.15	0.77	11	0.0	0		9	2	0
MADDOCK AGR SCHOOL	73.1	49.6	61.4	- 0.8	92	23	34	1	151	1	0	0	0	10.41	7.02	3.10	7	0.0	0		12	8	3
MANDAN EXP STATION	72.7	52.5	62.6	- 1.8	95	24	40	2		2	0	0	0	5.80	2.52	2.83	28	T	0		10	3	1
MANDAN FT LINCOLN PARK	76.7	49.5	63.1		93	23	36	3	112	2	0	0	0	6.02		3.00	27	0.0	0		9	3	1
MAX	70.1	48.7	59.4	- 4.2	92	24	39	2+		1	0	0	0	7.05	3.66	1.20	8	0.0	0		14	6	3
MC CLUSKY	72.0	50.4	61.2	- 1.1	91	23	38	2+	156	1	0	0	0	8.47	5.01	2.84	6	0.0	0		12	3	3
MINOT CAA AP	68.8	50.8	59.8	- 2.8	91	23	39	1+	183	1	0	0	0	6.50	3.39	2.39	7	T	0		12	3	1
MINOT EXP STATION	71.3	49.9	60.6		91	23	37	2+	164	1	0	0	0	4.73		1.22	7	0.0	0		11	3	1
MOFFIT 4 SE	74.1	51.8M	63.0M		92	23	39	17	118	2	0	0	0	6.53		2.48	15	T	0		11	3	1
MOHALL	70.2	49.1	59.7	- 2.0	89	23	35	3	178	0	0	0	0	6.21	3.28	1.96	7	0.0	0		11	5	1
NAPOLEON	74.4M	52.3	63.4M	- 0.5	90	13+	39	1	114	2	0	0	0	3.98	0.62	1.12	11	0.0	0		9	2	1
NEW SALEM 1 S	72.9M	50.2M	61.6M	- 2.0	94	23			128	0	0	0	0	3.91	0.46	1.02	28	0.0	0		12	3	1
PETTIBONE	72.0M	50.2M	61.1M	- 1.5	90	23	36	1	158	1	0	0	0	4.05	0.94	1.18	7	0.0	0		9	3	2
RIVEROALE	70.0	50.9	60.5		90	24	39	2+		1	0	0	0	6.55		1.58	28	0.0	0		10	5	2
ROLLA	68.9	49.0	59.0	- 1.3	87	23	33	1	202	0	0	0	0	13.12	9.72	3.29	7	0.0	0		11	8	5
RUGBY	72.2M	52.1M	62.2M		89	23	38	1	142	0	0	0	0	10.37	7.27	2.47	7	0.0	0		10	7	5
SAN HAVEN	69.6	49.3M	59.5M	- 1.9	86	23	35	1	194	0	0	0	0	11.13	8.12	2.08	8	0.0	0		10	9	5
STEELE	75.2	50.9	63.1	0.1	92	23	39	1	122	1	0	0	0	5.10	1.54	1.23	7	0.0	0		12	4	1
TOWNER	72.3	49.4	60.9	- 2.5	91	23	38	1+	159	1	0	0	0	9.37	6.26	1.91	7	0.0	0		12	7	3
TURTLE LAKE	73.0	51.0	62.0	- 0.3	91	23	38	3	132	1	0	0	0	5.35	1.88	1.60	7	0.0	0		11	3	2
UNDERWOOD	71.1	50.0	60.6	- 3.7	91	24	38	3		1	0	0	0	6.26	2.84	1.04	28	T	0		14	6	1
UPHAM 3 N	72.4	49.4	60.9		91	23	36	1+	160	1	0	0	0	7.99		1.82	7	T	0		11	6	2
VELVA	71.8	51.8	61.8	- 2.8	91	23	39	4	144	2	0	0	0	7.11	4.18	2.09	7	0.0	0		13	5	2
WASHBURN	74.5	51.1	62.8	- 2.1	94	23	38	3	121	1	0	0	0	5.74	2.35	1.99	14	T	0		10	3	2
WESTHOPE	69.6	48.8	59.2	- 3.5	92	23	35	3	194	1	0	0	0	8.16	5.15	2.60	29	0.0	0		9	4	3
WILLOW CITY	70.5	50.3	60.4	- 0.9	90	23	31	1	166	1	0	1	0	11.79	8.74	2.88	28	0.0	0		10	7	4
WILTON	71.9	49.6M	60.8M	- 2.0	94	23	33	2	179	1	0	0	0	4.66	1.38	1.13	7	0.0	0		11	3	1
WISHEK	74.4M	50.1M	62.3M	- 1.3	89	23	38	1+	131	0	0	0	0	4.08	0.62	1.15	11	0.0	0		5	4	2
OIVISION			61.2	- 1.8										7.00	3.52			T					
WESTERN OIVISION																							
ALMONT 7 SW	72.9	50.3	61.6		94	23	37	3	146	1	0	0	0	3.49		0.73	2	0.0	0		10	2	0
AMIOON	70.9	47.2	59.1</																				

DAILY PRECIPITATION

NORTH DAKOTA
JUNE 1954

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S	3.26						1.00	.65				.55			.69	.09					.25											
ALFANDER	2.39		.68				.32					.21			.09	.11		.08	.14			.25										
ALMONT 7 SW	3.49	.13	.73	.04			.36	.23	.01	.26					.14			.12	.02		.35	.01	.07									
AMPROSE	3.17		.17				.47	.23	.74	T		.10						.04														
AMENIA	2.72						.92					.45	.27			.25	.30		.15			.03										
AMIDON	3.30		.84	.07			.49	.01				.09	.16	T				.02	.03	.65		.21										
ARVILLA STATE PARK	2.47						.39	.11				.03	.99			.55	.07		.27	.03												
ASHLEY	4.62		.14	.01			.02	1.13			.79	.72				.37	.16		.25	.16		.20	.02									
BAITTA	12.91						2.55	2.20	1.95		.95					3.30	.52		.29	.05	.03	.07	.03	.02								
BANTRY	8.59						.33	1.72	2.01		.46					1.23	.10		.62		.11	.67										
BEACH	4.70		.77	.08							.31	.32	.03			1.02			.12	.14			.20									
BEACON COURT INDIAN RES	13.97						1.64	3.03	1.86	.02	.04	1.29				1.27	.65		.05	.05	.75	.17										
BEHLE	3.97	.03	.86	.03			.79	T	.09		.03	.04				.17	.03		.12	.13	.06	.09	.02	.04	T		.17					
BEHLE	4.37		.11				.32	1.14			T	.34				.29	.50		.31	.05	.30		.04		.03	T		.17				
BEHLE	4.26	.80	.51	.11			.22	.23	.11		.21	.05				.48	.42		.10	.01	.12	.21										
BEEBE	13.23						1.80	2.63	1.97		1.40					1.64	1.30	1.15		.19		.11	.08									
BISHMARCK WB AP	3.64	.01	.37				.32	.87		.04	.16	.06				T	.04		T	T	.29	.01	.06		T							
BISHMARCK 12 ENE	3.57	.41	.02				.68	.83	T		.06	.23				.10	.01		.19	T	.20	T	.03									
BOHNEAU	10.44						.21	1.34	2.38	.32			.45	.03		.96	.02		.72	.04	.06	1.04	.03	T								
BOHNEAU	4.45	.02					.21	.20	1.95	.12						.65			.12	.20	.09		.11	.16								
BOHNEAU COURT HOUSE	3.33	.02	.72	.02			.48				.20		.03			.03	T	.04	.41	.20	.15	.05										
BOHNEAU 11 SE	2.45	.01	.69				T	.56			.04					T	T	.01	.09	.05	.09	.26	.09									
BOHNEAU 30 NW	1.92	.78	.23					.10			.10					.08			.08		.11											
BURT 16 N	3.38	.05	.85				.73				.05	.25				.05		.07	.03	T	.47	.07	.13									
BUTTE	7.02		.06	.03			.10	2.08	.60			.17				2.05	.50		.36			.21	.11									
CAMPINGTON	6.85	T	.18	.03			.58	2.27			1.50					1.02	.60		.48	.01		.10	.02		.01							
CARSON NO 2	2.30	.14	.75	.12			.10	.23	.05		.09	.15				.24			.23	T	.15	.26	.09	.25								
CAVALIER	2.86						.20	.35			.48					.24	.36		.10	.03		.41	.02									
CENTER	3.31	T	.40				.21	.74	.23		.02	.15				.24	.36		.10	.03		.41	.02									
COLGATE	2.88						.02	.46			.13					.65	1.03		.53	.06												
COLUMBUS	4.81	.02					.69	1.13	1.34	.02	.05					.07	.25		.20	.02		.08	.01									
COOPERSTOWN	3.80	.09					T	1.60	T		.12	.71				.63	.19		.32	.09		.03										
COUPENAY	4.91	.26					T	1.37			.20	.76				.60	1.35		.15	.02												
COSSBY	2.95	.15	.01				.58	.20	.84		.10					T	.05		.29	.03		.01	.03	T								
DEVILS LAKE WB CITY	8.55	T					.05	2.47	.13	T	2.14					.04	1.66	.29	.69	.03		.01	.03	T								
DICKINSON CAA AP	3.02	.36	.44				.55	T	.08		.25	T				.05	T		.15	T	.03			T	.18							
DICKINSON EXP STATION	2.84	T	.84	.09			.52	.01	T		.25	.01	T	T				.06	.04	.22	.05	.04			.01							
DOWNBROOK	5.30						.27	1.51	.22							.94	.10		.36	.52	.10			.04								
OPAKE	8.77	.03	.02	.02			.19	1.92	1.37		.42					2.58	.70		.54	.05	.03	.20	.10	.05								
DUNN CENTER	4.48	.55	.07				.81				.06	.02				1.77			.07	.08	.13	.03										
ECKMAN	8.65	T					.15	.75	2.00	T	.65					1.10	T		1.85	T		.80	.05	T								
EDGELEY EXP FARM	7.95	.01	.33				T	2.00	2.11		1.70					1.24			.05	.11		.11	.01									
EDMORE 1 W	4.47	T					T	2.00	2.11		1.70					1.01	.10		.32	.04	.12	.19										
ELGIN 5 S	12.11	.20	.86	.09			.25	T	.45	.11	.13					.51	T		.52	.12	.05			T	T							
ELLENDALE	3.99		.06	.08			.06	1.95	T		.34	.44				.03	.03		T	.12	.04	.02	.02	.01								
ENDERLIN	2.99						.51	.23			.35					.50	.61		.12	.10		.05	T									
EPHING	2.43	.32					.48	T	.45							.28			.04	.06			.19									
FAIRFIELD	4.16	T	.90				.55	T	.07	.05	T					1.29			.04	.10		T	.03									
FARGO WB AR	1.46	T					T	.92		T	.08					.37	.03		T			T	T									
FESSENDEN	4.57	.07					.31	1.49	.05		.03	.52				1.16	.15		.10	.10			.02									
FLASHEP	2.77	.47	.35				.27	.60	.04		.07	.17							.32	.02	.11		.27	.10	.06							
FLAXTON	4.44	T	.02				T	.41	1.05	1.09	.02	T				.06	.26		.02	.02		.08	.02									
FORBES 13 NW	7.58	T	.07	.10			3.00			1.15	1.66					.04	.32	.80	.02	.02		.08	.02									
FORMAN	2.74						1.17	.74			.13					.21	.35		T													
FORT YATES	3.14	.35	.08				.50	.68			.10	.54				T	.08		.08		.15	.09	.07									
FOXHOLM 7 N	5.52	T					.34	1.46	.54		.41					.87			.22	T		.										

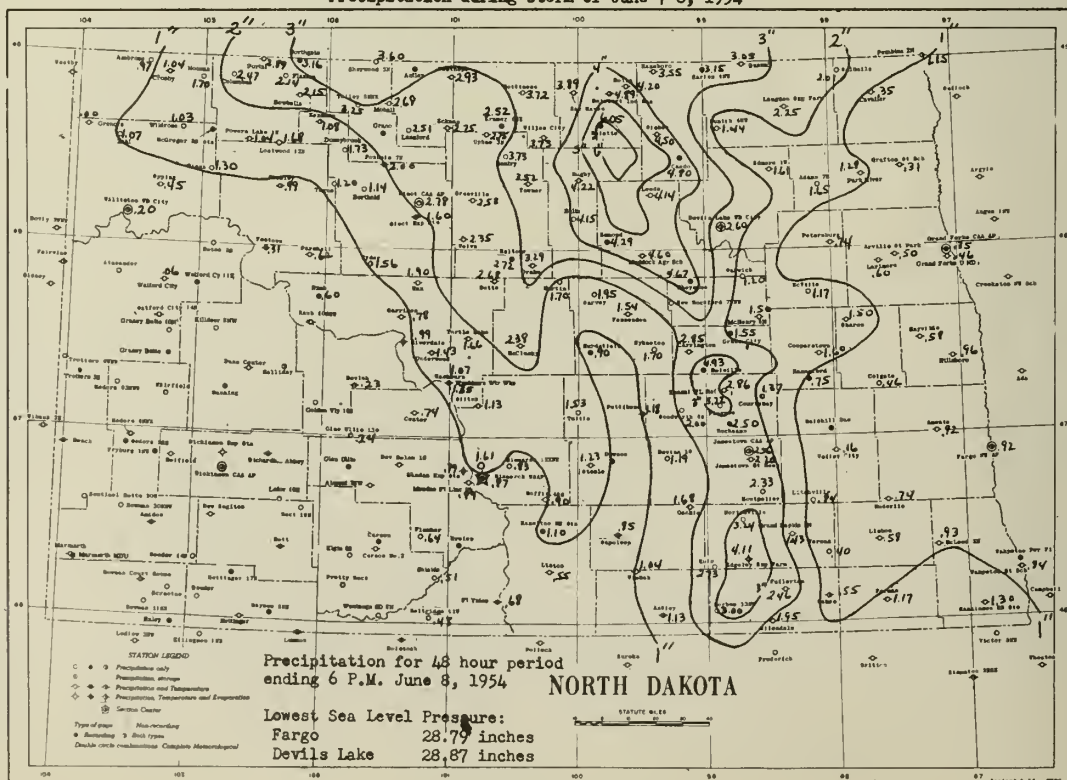
DAILY PRECIPITATION

Table 3--Continued

NORTH DAKOTA
JUNE 1954

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW SALEM 1 S	3.91	.06	.56				.10	.43		.16	T	.14			.17	.06	T		.50	T	.17			T			.08	.21	1.02	.12	.21		
NEWTOWN	3.38	.06	.18				.28	.13	.18			.02	.06		.90	.18	.04	T		.56	T	.23					.08			.17	.08	.23	
NODAN	3.18	.03	.02				.42	.65	1.05	.03	.08	.00				.18	.17										.09				.46		
NORTONVILLE	6.28		.35				.03	3.24				.13	1.00		.30	.82	.04	.17												.20			
OAKES	1.40							.25	.30			.20				.12						.02	T				.03			.41			
PARK RIVER	2.98							.57	.71			.53				.81	.24		.05	.02		.02	T							.03	T		
PARSHALL	3.33	.06	.72			.15	.47	.15				.03		.70	.39		.10	.02	.12		.24					.11		.03	.14	.24	.03		
PEMBINA 2 N	3.94						.76	.39	.04			1.13			.17	.13		.20		.66										.20	.30	.10	
PETERSBURG	3.40						.40	.34				.73				.34	.86		.25	.04			.35	.09									
PETITRONE	4.05	.33				.14	1.18			.19	.65				1.01	.17	.07	.04	.04			.13	.10							.04			
PINGREE	5.87	.38				T	3.22			.20	.68				.74	.57		.04			T	.04											
PORTAL	5.67	T	.08			.27	.60	2.29	.18	.01	.01				.32	.02	.20	.20	.17				.06	.12				.05			.20	.06	.84
POWERS LAKE 1 N	3.12	T	.05			.61	.58	.46		.01	.01			.54	.08		.20	T	.20								.04	.04			.30		
PRETTY ROCK	3.72	.25	.78	.10	T	.79	.02	.46		.19	.11	.15	T				T	.01	.88										.02	.15			
RAUB 10 SSW	2.25	.02	.21			.24	.23	.01		.05	.05	.30		.07		.10			.10	.08	.20	.11						.24			.35		
REFGER	2.79	.90				.60				.34	.10						.15			.30	.10				.20					.10			
REFGER 14 N	4.13	.61	.11			.47				.11	.05						T	.10	1.72	.26					T	.25			.32	.06	.12		
RICHARDTON ARREY	3.16	.08	.90	.01		.70	T	.06	.04	.05	.05						.06	.03	.29	.04	.05			.02	.13	T			.55	.11	T		
RIVERJALL	6.55	.30	.18			.41	.47	.52		.07	.09				.88	.07		1.05	.02	.03	.09									1.58	.53		
ROLLA	13.12					1.80	3.29	.91	.02	2.23					1.23	.78		.05	.39	.10	.44	.05							1.00	.83	T		
ROGUE	10.37	T				1.80	2.47	1.75		T	1.50				.11	.15	.19	.02	.02	.01	.02							.16	.06	.58	.51	.02	
RYDER	6.38	T	.29			.43	1.43	.13		T	.04			.67	1.23	.10	.37	T	.09	.12	T							.14		.74	.55	.05	
SAN HAVEN	11.13					.92	1.81	2.08	.06		1.04				.81	.21	T	.67	.06	.91	.05						.06	.02	1.06	1.34	.03		
SCRANTON	3.13	T	.87	.01		.42			.08	T	.05				.02	T	.03	.13	T	.76	.27	.08						.26			.15		
SELFRIEGE 11 W	3.81		.65			.95	.43			.79							.06	.06		.22							.24	.02	T	.19			
SHNTINEL ROUTE 20 S	2.52	.24	.74			.06				.10	.27				.13			.10	.08									.52	.18		.10		
SHARON	3.30	T				T	1.50			.10	.35				.75	.27		.17	.03		.13			T									
SHERWOOD 3 N	8.31	.02				.08	2.40	1.20		.02	.23				.73			1.30	.12	.20	.19	.04	.03				.12	.21	.42	1.00			
SHIELDS	3.14	.05	.75	.06		.39	.51		.01	.07	.20					.04		T	.02		.43	.05	.02				.01		.27	.26			
STANLEY	3.90	T	.31			.35	.72	.27		T				.40	.70													.33	.08	.26			
STEELE	5.10	T	.82	T		.72	1.23	T		.16	.62				.30	.22	.10	.07		.12	.06	.15						.27	.17	.09			
SVKESTON	4.78	T				T	1.60	.10		T	.87				.13			.19	.15	.26								.06	.08	.25	T		
TAGUS	4.93	T	.12		.60	.05	.12	.44		T	.15			.40	.70		.26			.54	T	.07	.06						.06	.25	T		
TIOGA	3.75	.35				.50	.10	1.20			.35				.17													.56	.42				
TOLLEY 5 NNE	8.69					.24	2.31	.94	.02	.37	.15	.41	.64	.07	.61	.67	.15	.12	T		.31	.12					.47	.24	.44	.41			
TOWNER	9.37					.85	1.91	1.61		.95					.86	.15	.41	.03		.71		.06	.04					.10	.11	.16	.42		
TROTTERS 6 WNW	4.42	T	1.01			.03			.02	.49	T	.04	1.14		.06	.21		.06	.21									.37	.37	.52	.16		
TURTLE LAKE	5.35	T	.09			1.05	1.60	.06		.02	.20				.77			.42	.10		.33	.03	.20					.20	.15				
TUTTLE	6.54	T	.38			.61	1.53			.11	.51				1.53	.35	.01	.55	.02		.26							.01	.12				
UNDERWOOD	6.26	T	.20	.12		.38	.70	.73		.12	.70				.95	.12				.55	.06	.05	.06	.12			.02	.13					
UPHAM 3 N	7.96	T				.76	1.82	.93	.01	.54					1.42	.07	.53	.28	.02	.37		.07	.02				.01	T	.25	.36	.48	.05	
VALLEY CITY	3.50	.13				.11	.16			1.26	T			.15	1.20	T	.15	.28		T	.05	.01											
VELVA	7.11	T	.10			.49	2.09	.26		.68					.55	.11	.48	.13	.10	.25	T	.04						.06		1.18	.59	T	
VERONA	2.22	.22				.06	.40	T	.41	.38					.35	.02	.08	.09													.21		
WAMPETON STATE SCHOOL	3.06					.84	T			.90					.13			.15	.49			.07	.33				.10	T		.05			
WALHALLA	4.68					T	1.16	.85		.45					.40			.36		.71	.10	.07					.03		.21	.10	.24		
WARWICK	4.53					.93	1.20		.90						.66	.79															.05		
WASHBURN	5.74	.23	.02			.89	1.05	.02	.28	.25					1.99	.31		.03		.24	.01	.17				.01	T			.03	.21		
WATAUGA 5 OAK 8 N	2.74	.84	.02			.65	T		T	.16	.35									T	.30	.42											
WATFORD CITY	2.72	.55				.58		.06		.14				.48		.10											.08	.04	.05	.32			
WATFORD CITY 14 S	4.08	T	.69			.81	T		T	.20	.06			1.44	.04	.10	T													.27	.28		
WESTHOPE	8.16					.25	2.03	.88		.45					.41	1.10	.03		.12		.05			T		.19		.09	.25	.33	.03		
WILOROSE	2.99	.02	.13			.60	.12	.91		.07					.02			.13		.14													
WILLISTON WR CITY	2.29	.04	.32			.49	.08	.12	T	.14	T				.02	.01	.01	.29	.55	.04	.41								.18	.11	.05	T	
WILLOW CITY	11.79					.78	2.25	1.48		.81					.02	.72	.02	.27	.04	.04	.41		.08				T		.15	2.88	1.86		
WILTON	4.66	.40	.06			.87	1.13		.13	.18					.82	.02	.25	.03	.03	.35	T	.11								.17	.10		
WISHEK	4.08	.08				T	1.04		.53	1.15					.67	.34	.37	.04			.03	.09									.07		
WOODNORTH 5 E	4.59	.42				.06	2.00		.30	.90					.19	.21	.37	.04		T	.05				.05								
ZAML	3.05	T	.15			.48	T	1.07		.13				.07	.01	.30	.02										.08		.26	.48	T		

Precipitation during storm of June 7-8, 1954



MONTHLY AND SEASONAL SNOWFALL

Season of 1953-54

NORTH DAKOTA
JUNE 1954

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
ADAMS 7 S					2.0	7.5	9.5	2.0	4.0	3.0	T	T	28.0	
ALEXANDER					-	-	-	-	-	-	-	-	-	
ALMONT 7 SW		T			1.6	5.1	5.7	4.0	12.7	2.5	T		31.6	
AMBROSE					-	-	-	-	-	-	-	-	-	
AMENIA					6.0	11.0	13.0	T	10.0	T	1.0		41.0	
AMIOON				.4	1.6	4.3	4.5	1.5	15.1	4.2	T	T	31.6	
ARVILLA STATE PARK			T		5.0	-	-	-	-	-	-	-	-	
ASHLEY					1.0	1.8	7.5	T	5.2	-	T		-	
BALTA	T				2.3	-	-	4.0	-	T	T	T	-	
BANTRY					4.0	6.0	12.0	T	8.0	2.0	T		32.0	
BEACH					T	-	-	-	-	2.3	-	-	-	
RELCOURT INDIAN RES	-				-	-	-	-	-	T	T	T	-	
RELFIELD	T				T	4.0	-	-	16.4	-	T	-	-	
BERTHOLD					-	6.0	11.0	.6	5.0	5.0	T	-	-	
REULAH					.5	7.1	8.6	T	7.6	-	-	-	-	
RISBEE					T	-	11.5	.5	2.0	-	.2	-	-	
RISMARCK					3.0	1.0	-	-	-	-	-	-	-	
RISMARCK WB AIRPORT			T		4.1	4.0	7.9	.3	9.8	9	T	T	27.0	35.1
RISMARCK 12 ENE					-	-	-	T	4.0	3	T	-	-	
ROTTINEAU				.1	3.3	6.5	9.2	.6	2.4	1.8	.1	-	24.0	
ROWBELLS	T				1.0	-	10.8	1.0	-	-	-	-	-	
ROWMAN COURT HOUSE	T			T	3.5	-	-	-	-	T	-	-	-	
ROWMAN 11 SE					-	1.0	2.2	-	8.1	.2	-	-	-	
ROWMAN 30 NNW					.8	4.1	3.0	1.0	13.6	T	-	-	22.5	
RURT 16 N					.1	-	-	4.0	18.0	-	.4	-	-	
RUTTE					7.0	3.0	9.0	T	5.5	3.5	T	-	28.0	
CARRINGTON					5.0	8.2	18.5	2.0	11.0	-	.3	-	-	
CARSON NO 2					-	-	-	2.0	10.5	.5	-	-	-	
CAVALIER	T				2.0	-	14.7	-	2.0	6.0	2.5	T	-	
CENTER					-	5.5	5.8	T	-	-	-	-	-	
COLGATE					4.0	8.0	5.0	T	6.1	-	1.0	-	24.1	
COLUMBUS	T			T	.5	4.7	6.6	.2	4.0	4.5	1.0	T	21.5	
COOPERSTOWN					2.6	17.0	9.5	T	10.3	T	T	-	34.4	
COURTENAY					3.0	5.5	9.0	T	8.0	T	T	-	25.5	
CROSBY		T			T	4.7	10.0	T	-	-	-	-	-	
DEVILS LAKE W B CITY			T		2.6	11.4	19.4	1.8	5.8	4.7	2.1	-	47.8	34.1
DICKINSON CAA AP	T			T	.2	2.4	3.9	2.0	17.5	4.9	.4	-	31.3	
DICKINSON EXP STA	T				T	-	-	-	-	-	-	-	-	
DONNYBROOK	T	T			.6	4.0	11.8	T	5.2	5.9	2.0	-	29.5	
DRAKE					-	-	-	-	-	-	-	-	-	
DUNN CENTER	T	T		T	T	3.9	13.3	2.0	14.7	3.3	.2	2.0	39.4	
ECKMAN					4.5	7.0	9.0	.4	7.0	-	-	-	-	
EDGELEY EXP FARM					4.0	2.2	5.0	T	-	-	T	-	-	
EOMDRE 1 W					1.5	-	-	-	2.5	T	T	-	-	
ELBOWWOODS					T	-	2.6	-	3.0	-	-	-	-	
ELGIN 5 S	T				T	1.5	-	4.0	12.5	T	T	2.0	21.5	
ELLEDALE					10.0	9.1	6.2	.8	8.6	1.2	1.7	-	37.6	
ENOERLIN					10.0	13.0	-	-	-	-	-	-	-	
EPPING				T	T	-	-	-	T	-	-	-	-	
FAIRFIELD					T	-	6.0	4.0	13.5	2.0	T	T	-	
FARGO WB AP	T	T		T	6.5	8.6	7.0	.3	4.9	.5	.9	-	28.7	38.7
FESSENDEN					6.5	5.0	12.3	-	8.6	3.0	T	-	35.4	
FLASHER					5.0	5.0	4.0	1.0	10.0	-	-	-	25.0	
FLAXTON	.5	T		T	2.0	8.7	7.6	1.4	2.4	6.1	1.0	-	29.7	
FORBES 13 NW					5.5	4.0	8.5	T	12.2	T	1.0	-	31.2	
FORMAN					-	9.5	-	T	-	-	-	-	-	
FORT YATES				T	.7	4.1	11.0	1.0	12.5	.1	.5	-	29.9	
FOXHOLM 7 N					1.5	6.8	-	-	-	-	-	-	-	
FULLERTON				T	12.4	11.7	9.2	.4	14.2	1.0	4.6	-	53.5	
GACKLE			T		8.1	4.0	6.3	T	9.2	.8	-	-	-	
GARRISON	T				1.5	5.0	9.7	T	7.8	3.0	T	T	27.0	
GLEN ULLIN 13 N					.9	-	4.5	1.5	10.5	2.0	T	-	-	
GOLDEN VALLEY 10S					-	-	9.8	-	-	-	-	-	-	
GRAFTON STATE SCHOOL	T				3.5	11.1	19.7	.5	1.6	-	.2	T	-	
GRAND FORKS CAA AP					6.0	10.3	17.1	1.0	4.5	T	6.5	-	45.4	
GRAND FORKS UNIV	T				7.0	6.8	11.4	.9	4.6	T	2.5	-	33.2	
GRAND RAPIDS 1 N					9.0	4.5	11.8	T	7.9	.5	T	-	33.7	
GRANVILLE	T				6.5	7.0	11.0	1.0	5.0	-	T	-	-	
GRASSY BUTTE 10N					-	-	-	4.0	14.9	3.5	T	1.5	-	
GRENORA	-				-	3.4	7.2	-	6.2	-	1.5	-	-	
HALLIDAY					-	6.4	11.5	T	-	1.8	-	-	-	
HANKINSON R R STA				T	-	-	-	T	-	.5	-	-	-	
HANNAH	T				1.0	2.9	7.6	.7	-	3.5	-	-	-	
HANSBORO		T			.1	6.6	13.5	1.5	4.3	5.0	T	T	31.0	
HARVEY					5.5	5.5	6.5	-	6.5	2.0	-	-	-	
HETTINGER	T				-	-	6.0	3.0	12.0	T	T	-	-	
HILLSBORO	T		T		5.0	7.6	9.3	2.0	6.5	T	.8	T	31.2	
JAMESTOWN CAA AP	T			T	5.7	5.8	7.5	.9	14.7	1.7	2.5	-	38.8	
JAMESTOWN STATE HOSP					4.6	2.2	-	T	1.0	.4	T	-	-	
KEENE 2 S					.1	7.5	16.4	2.2	11.7	3.7	-	-	41.6	
KENMARE					-	-	-	-	-	-	-	-	-	
KENSAL WILDLIFE REF					-	9.0	7.5	.2	10.0	1.5	-	-	-	
KILLOEER 8 NW					T	3.4	6.0	5.0	15.0	1.5	-	-	30.9	
KULM					5.0	-	13.0	T	9.5	1.0	-	-	-	
LANGOON EXP FARM					2.0	4.5	13.4	1.2	3.2	-	1.5	-	-	
LANSFORD					5.0	8.0	9.0	1.0	5.5	5.5	T	-	34.0	
LARIMORE					5.0	12.1	19.0	-	4.5	-	2.5	-	43.1	
LEEDS	T			T	1.7	10.4	19.4	1.3	11.8	-	T	-	-	
LEFOR 10 E					.5	2.5	3.1	3.5	16.2	1.8	T	T	27.6	
LINTON					2.5	3.5	9.0	-	-	-	-	-	-	
LISBON		T			-	-	-	T	2.3	T	-	-	-	
LITCHVILLE		T			6.5	5.6	4.8	.3	5.5	.9	1.5	-	25.1	
LOSTWOOD 12 N	T	T			-	5.9	7.3	.9	4.5	6.8	1.2	-	-	
MAODOCK AGR SCHOOL					-	-	-	.2	-	-	-	-	-	
MANDAN EXP STATION		T			3.7	2.0	6.8	.5	11.8	1.3	T	T	26.1	

MONTHLY AND SEASONAL SNOWFALL

Season of 1953-54

NORTH DAKOTA
JUNE 1954

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
MANDAN FT LINCOLN PARK		T			5.0	1.1	4.1	T	16.6	.8	T		27.6	
MARMARTH	T	T			1.7	5.0	9.3	2.6	20.6	.1		T	39.3	
MARTIN				T	2.8	9.0	6.0	T	5.0	2.6	T		25.4	
MAX					3.6	-	-	1.8	6.7	T	1.1	T	-	
MAYVILLE					6.0	4.0	-	T	6.0	4.0	T		-	
MC CLUSKY	T	T			2.5	6.7	6.1	T	2.9	2.3	1.7		22.2	
MC HENRY 5 N		T	T		-	10.4	-	.1	-	T	1.3		-	
MC LEOD 3 E					3.5	12.0	9.6	T	6.0	T			31.1	
MC VILLE					4.0	-	4.5	-	6.6	-			-	
MEADINA 1 W													-	
MEBORA 4 NNE			T		T	5.6	7.8	T	18.4	3.6	T		35.4	
MEBORA 23 NNW					-	-	-	-	12.0	-			-	
MINOT CAA AP				T	3.9	7.3	8.6	1.1	9.5	3.5	.9	T	34.8	
MINOT EXPERIMENT STATION	-				3.8	7.5	14.6	.7	10.5	8.0	T		-	
MOFFIT 4 SE				T	4.0	4.3	5.2	T	5.8	.2	T	T	19.5	
MOHALL					4.0	5.9	11.0	1.0	-	8.1	T		-	
MONTPELIER		T			5.2	3.5	4.5	T	7.8	1.0	1.7		23.7	
MOTT	T	T			2.0	3.2	5.8	2.5	-	1.0			-	
MUNICH 4 SW					1.5	-	11.5	-	4.1	-	T		-	
NAPOLEON					3.1	2.4	7.8	T	6.0	1.0	.5		20.8	
NEW ENGLAND	T				2.0	2.3	-	2.8	-	-			-	
NEW ROCKFORD 7 WNW	T			T	3.5	7.5	-	T	6.5	3.5	T		-	
NEW SALEM 1 S					5.2	6.8	5.0	-	16.8	-			-	
NEWTOWN	T	T			.7	8.6	11.5	2.0	9.7	3.8	T	T	36.3	
NOONAN					T	6.5	11.4	.5	-	6.9	3.8		-	
NORTONVILLE					4.5	1.9	-	-	5.4	T	1.0		-	
OAKES					10.3	8.2	-	.4	-	1.0	3.5		-	
PARK RIVER	T				2.0	7.0	-	.3	-	4.0			-	
PARSHALL	T				T	3.6	8.3	.7	3.7	.5	T	T	16.8	
PEMBINA 2 N					.5	1.0	-	-	-	T			-	
PETERSBURG			T		2.0	-	-	.7	-	6.0			-	
PETTIBONE					-	2.3	7.5	T	6.5	1.0	T		-	
PINGREE				T	4.5	7.3	8.5	T	6.2	2.0	1.0		29.5	
PORTAL	T				1.4	7.0	8.5	T	5.0	8.0	1.0		30.9	
POWERS LAKE 1 N					T	6.0	9.0	T	2.6	2.0	T		19.6	
PRETTY ROCK		T	1.0	T	-	1.0	-	1.0	17.5	.4		T	-	
RAUB 10 SSW	-	-	-	-	-	-	-	-	-	-			-	
REEDER					1.0	-	2.0	4.0	14.0	T			-	
REEDER 14 N	T				1.1	.9	1.0	1.0	7.3			T	11.3	
RICHARDTON ARREY	-		T	T	.6	4.3	5.4	4.1	16.6	1.9	.8		-	
RIVERDALE					1.5	3.5	11.0	T	7.0	3.0	T		26.0	
ROLLA	T				.6	7.7	10.0	2.0	9.5	6.0	1.0		36.8	
RUGBY					-	-	-	-	3.6	-	1.3		-	
RYOER					.5	6.2	-	1.0	3.0	3.0	.4	T	-	
SAN HAVEN				T	1.3	10.6	10.1	.8	3.8	-	T		-	
SCRANTON	T				2.0	-	-	4.0	10.5	T			-	
SELFRIDGE 11 W	T				4.0	5.2	11.0	2.0	-	.2	.5		-	
SENTINEL BUTTE 20 S		T			.8	2.8	-	.8	13.0	-			-	
SHARON			T		4.5	10.5	9.8	.3	9.0	T	T		34.1	
SHERWOOD 3 N	T			.5	4.9	2.6	7.0	.6	3.6	9.2	2.5		30.9	
SHIELDS					.3	4.0	5.1	T	-	-	T		-	
STANLEY					3.5	8.0	-	-	4.0	-	T		-	
STEELE					5.5	1.9	11.5	T	15.5	2.5	T		36.9	
SYKESTON					5.0	-	12.0	T	7.1	3.5	1.0		-	
TAGUS		T			1.0	7.3	-	1.3	-	-	1.0		-	
TIOGA	T				-	4.0	10.0	T	1.0	3.0			-	
TOLLEY 5 NNE					3.0	8.5	11.5	1.0	4.5	10.0	1.0	T	39.5	
TOWNER					4.0	11.0	14.0	2.0	-	T			-	
TROTTERS 6 WNW					.1	5.8	6.7	T	9.1	4.1	T	T	25.8	
TURTLE LAKE					-	-	-	-	-	-			-	
TUTTLE		T			3.9	3.0	5.6	T	7.2	1.2	.5	T	21.4	
UNOERWOOD					2.5	6.4	-	T	-	5.8	.3		-	
UPHAM 3 N				T	9.0	11.0	13.5	2.0	6.2	T	T	T	41.7	
UPHAM 3 W	-	-	-	-	-	-	-	-	-	-	-	-	-	
VALLEY CITY					10.3	8.6	4.9	T	9.7	-	-		-	
VELVA	-				7.0	9.5	10.5	.5	5.5	5.0	.5		-	
VERONA					10.0	5.7	-	-	-	T	T	T	-	
WAMPETON STATE SCHOOL	T				12.0	16.5	9.0	2.5	-	2.1	-		-	
WALHALLA					1.5	4.0	20.5	-	2.0	8.0			36.0	
WARWICK					-	-	12.0	-	-	T			-	
WASHBURN					-	3.3	-	T	14.7	2.0		T	-	
WATAUGA 5 DAK 8 N	T	-			6.2	2.5	4.3	2.0	13.1	1.0	T		-	
WATFORD CITY					5.4	17.5	17.5	4.5	15.5	-			-	
WATFORD CITY 14 S	T				T	-	-	T	11.8	-			-	
WESTHOPE	T				4.5	9.5	14.0	T	6.5	5.0			39.5	
WILDORSE	-				-	-	11.0	T	-	6.0			-	
WILLISTON WA CITY	T			T	.1	4.6	17.0	.9	9.9	6.1	.3	.5	39.4	30.9
WILLOW CITY	T				3.0	8.0	15.8	4.0	2.9	1.0	1.0		35.7	
WILTON					-	-	-	T	-	-	T		-	
WISHEK					-	-	8.0	-	-	-			-	
WOODWORTH 5 E					5.9	5.4	6.0	T	7.2	-	T	T	-	
ZAHL				T	T	3.0	5.9	1.2	1.3	-	1.0		-	

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
JUNE 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	52	44	61	69	74	68	62	71	71	58	74	78	86	75	77	78	65	75	77	68	78	81	94	87	82	78	87	81	70	65	72.9	
	MIN	42	38	37	42	42	56	47	48	52	52	53	56	53	58	51	54	45	48	56	44	47	53	59	63	52	45	57	60	52	48	50.3	
AMENIA	MAX	60	54	65	72	75	77		75	74	70	74	81	89	84	77	79	72	75	76	72	77	76	92	84	83	78	82	92	81	69	76.4	
	MIN	47	45	43	48	42	57		46	48	55	53		57	57	64	53	48	53	51	52	57	57	58	50	57	54	52	60	63	53	52.9	
AMIOON	MAX	63	56	49	58	69	72	63	61	69	67	60	71	77	85	69	78	70	63	75	76	65	75	84	92	79	78	77	82	78	65	70.9	
	MIN	41	34	34	38	50	49	46	45	45	42	47	40	47	53	43	53	41	44	51	44	47	48	61	61	49	45	57	56	45	48	47.2	
ARVILLA STATE PARK	MAX	55	54	64	73	74	72	71	73	72	66	68	77	88	85	75	80	75	78	78	73	76	78	90	87	81	77	81	88	85	69	75.4	
	MIN	33	40	38	34	36	62	49	49	50	45	52	52	47	62	62	46	57	50	47	46	55	56	56	65	57	66	53	56	59	55	51.2	
ASHLEY	MAX	58	50	60	68	70	72	62	73	75	67	73	73	85	79	74	79	66	71	75	68	78	79	89	83	83	77	87	85	72	66	73.2	
	MIN	39	40	40	36	48	55	47	46	45	54	55	53	54	62	55	51	47	47	53	53	48	51	60	66	58	51	57	66	56	48	51.4	
BEACH	MAX	65	57	46	59	72	75	65	64	69	67	60	69	76	84	72	76	66	65	75	78	66	77	89	91	79	75	76	83	77	66	71.3	
	MIN	38	35	37	42	47	50	45	47	38	50	47	46	51	52	45	51	39	37	44	42	49	44	56	58	51	47	51	56	46	49	46.3	
BELCOURT INDIAN RES	MAX	54	48	61	65	70	65	60	54	63	59	69	68	79	79	74	75	65	72	74	69	74	73	86	85	76	70	79	81	70	55	69.1	
	MIN	33	35	33	32	44	46	48	43	42	43	48	47	52	42	59	47	42	40	47	41	48	50	55	55	52	42	47	60	52	42	45.6	
BELFIELD	MAX	49	48	60	69	72	67	64	69	70	64	71	77	84	70	78	70	62	73	73	72	77	84	88	77	78	76	78	78	66	65	71.0	
	MIN	36	35	37	39	48	52	49	49	38	49	50	45	45	53	53	52	42	46	44	38	48	54	54	51	57	48	57	53	48	44	47.1	
BISBEE	MAX	51	49	63	72	68	66	67	57	64	59	69	70	90	80	77	76	67	76	78	72	75	78	89	85	79	73	80	83	73	57	71.4	
	MIN	34	38	39	43	48	50	54	47	46	47	51	52	55	60	54	54	49	48	55	50	54	52	57	63	56	49	51	64	56	46	50.7	
BISMARCK WB AP	MAX	51	45	61	72	75	69	60	72	70	61	75	79	89	73	77	80	66	77	78	66	79	82	96	84	82	78	91	83	71	64	73.5	
	MIN	42	41	41	40	53	54	49	48	43	53	54	51	54	62	52	50	46	45	55	46	52	49	63	68	60	50	59	63	56	48	51.6	
BOTTINEAU	MAX	61	55	55	61	68	73	58	62	54	62	58	71	68	79	75	74	75	66	72	72	69	75	74	88	78	75	72	78	82	68	69.3	
	MIN	36	39	38	34	47	48	50	40	44	48	51	51	50	58	55	55	44	46	52	45	52	50	58	60	55	47	51	55	56	45	48.7	
BOWBELLS	MAX	49	48	62		69	73	58	52	54	62	56			80	74				74	74	69	75	79	89	76	75	72	79	78	65	68.7	
	MIN	37	34	38		51	52	51	49	44	45	50			48	50				56	43	63	46	59	53	53	41	53	59	55	43	47.9	
BOWMAN COURT HOUSE	MAX		49	61	70	73	70	63	70	68	60	70	77	84	84	78	70	61	75	77	76	76	83	93	90	77	76	82	78	78	67	73.7	
	MIN		34	33	41	53	49	46	45	40	50	49	46	53	51	43	51	42	44	49	46	46	47	52	61	50	50	57	57	45	45	47.5	
BUTTE	MAX	59	50	49	60	68	73		57	67	64	58	73	77	83	73	74	79	66	73		73	75	75	76	90	72	75	84	81	70	70.5	
	MIN	40	40	39	40	51		54	48	44	50	50	52	54	60	55	58	47	50	50	56	47	51	52	62	61	54	44	45	64	57	40	50.5
CARRINGTON	MAX	59	52	48	62	67	71	65	64	70	66	60	74	79	84	73	72	71	68	67	69	75	76	76	92	81	80	80	83	85	70	71.3	
	MIN	35	40	40	42	47	55	50	48	46	49	49	52	54	59	56	47	50	43	47	49	49	54	57	62	57	54	48	60	60	45	50.1	
CARSON NO 2	MAX	62	45	59	68	69	69	60	72	71	62	74	80	87	76	77	81	65	74	79	65	78	82	96	82	82	77	90	83	70		73.6	
	MIN	40	37	36	38	36	38	47	49	45	51	52	50	52	52	53	45	48	56	49	48		60	66	57	48	59	64	51	49		49.1	
CAVALIER	MAX	54	55	68	71	74	76	73	61	66	64	67	72	87	83	77	80	79	79	78	74	71	76	91	90	82	80	81	87	83	70	75.0	
	MIN	36	40	38	43	43	47	57	49	49	47	53	54	50	63	63	53	51	48	53	51	56	55	56	65	59	55	45	66	63	49	51.9	
CENTER	MAX	54	47	60	70	79	68	61	70	67	59	74	77	87	70	69	70	65	74	75	67	77	79	93	84	79	73	86	81	75	63	71.8	
	MIN	37	40	38	37	49	54	48	51	47	51	53	50	47	58	49	50	47	45	53	43	48	47	55	60	63	45	56	64	53	45	49.4	
COOPERSTOWN	MAX	56	52	65	75	70	68	73	79	71	66	78	76	85	79	73	77	70	75	75	74	77	76	90	86	81	80	80	87	84	71	74.7	
	MIN	34	41	40	33	47	54	49	49	45	48	53	52	54	61	60	50	50	45	51	50	53	55	54	67	56	52	52	70	62	48	51.2	
CROSBY	MAX	54	49	60	60	70	70	60	52	57	58	62	62	67	67	75	75	58	58	70	69	70	79	92	86	74	75	79	77	71	62	67.3	
	MIN	39	38	33	42	53	52	46	46	43	45	49	51	47	50	47	51	39	38	41	40	49	44	56	56	49	41	56	59	51	44	46.5	
DEVILS LAKE WB CITY	MAX	53	48	62	68	71	65	71	67	63	58	74	73	85	75	73	77	67	74	76	70	76	75	91	78	79	73	82	84	70	55	71.1	
	MIN	35	40	39	41	47	56	46	49	49	48	53	56	54	62	60	53	51	49	55	51	54	55	59	64	58	52	50	66	52	47	51.7	
DICKINSON CAA AP	MAX	52	45	59	70	74	65	60	69	70	60	71	77	84	69	78	73	65	74	76	61	79	83	92									

Table S-Continued

DAILY TEMPERATURES

NORTH DAKOTA
JUNE 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GRAFTON STATE SCHOOL	MAX MIN	53 36	54 39	66 37	71 39	75 44	76 50	74 56	68 48	68 48	67 46	66 52	73 48	86 49	80 62	76 61	79 50	79 50	77 48	76 51	74 51	73 55	76 54	93 53	90 65	81 58	79 52	81 46	86 63	85 61	66 48	74.9 50.7	
GRAND FORKS CAA AP	MAX MIN	57 39	54 42	63 38	74 37	75 47	76 52	71 50	73 51	69 49	67 48	70 53	77 54	90 53	82 63	77 57	81 52	75 51	78 46	76 52	79 49	57 56	91 56	84 55	80 60	82 59	77 53	82 60	91 80	80 59	49 52	75.4 51.6	
GRAND FORKS UNIVERSITY	MAX MIN	57 42	54 43	65 38	71 39	74 46	77 52	74 53	75 51	71 48	68 47	71 53	78 54	89 55	83 64	78 62	80 51	77 50	76 47	75 52	73 50	76 57	75 54	90 60	85 51	82 60	76 51	81 52	91 68	83 61	70 50	75.8 52.4	
GRAND RAPIDS 1 N	MAX MIN	59 32	53 43	62 42	74 33	75 48	74 58	74 51	75 49	75 43	68 59	80 58	82 53	86 55	83 62	75 60	80 48	76 54	75 48	79 51	79 54	78 51	78 54	92 51	88 72	84 57	78 51	88 53	90 73	85 70	71 62	77.2 52.4	
GRANVILLE	MAX MIN	59 43	51 46	62 43	70 42	74 55	70 55	59 52	63 46	64 48				84 50	72 60	74 54	79 53	60 42	75 49	71 53	69 45	76 52	81 51	89 63	84 51	76 50	74 49	83 51	82 65	78 56	60 47	71.7 51.1	
GRENORA	MAX MIN	51 39	51 38	69 42	71 40	67 42	72 53	59 45	60 49	59 51	57 46	63 47	73 53	71 55	64 59	76 54		66 49	70 32	72 41	70 41	85 46	93 56	90 51	72 51	76 40	77 51	75 64	75 50	58 44	69.5 45.8		
HANKINSON R R STATION	MAX MIN	57 41	56 40	54 44	63 40	69 44	72 47	74 59	72 50	77 55	78 51	73 55	75 59		85 58	81 64	78 55	79 54	70 52	73 51	70 54	74 56	77 56	79 55	90 64	85 59	82 58	77 55	82 65	92 52	80 48	75.0 53.3	
HANNAH	MAX MIN	52 32	49 38	62 43	69 38	72 51	68 51	67 53	57 48	62 45	60 45	64 49	67 51	82 50	81 59	75 60	76 54	73 50	72 48	72 49	74 50	72 48	87 51	83 58	79 59	77 56	73 49	79 45	82 59	79 45	59 45	70.6 49.3	
HANSBORO	MAX MIN	51 33	49 37	62 37	67 39	72 43	65 50	65 51	57 47	60 46	59 45	70 50	68 52	80 53	79 59	73 58	75 55	67 54	74 52	71 48	74 54	72 52	87 59	82 60	77 55	70 51		83 64	72 53	54 45	69.3 49.9		
HETTINGER	MAX MIN	58 42	48 34	67 42	67 41	69 52	66 52	67 47	65 42	68 42	61 49	72 51	79 45	83 57	80 54	75 46	70 54	63 43	72 45	78 54	75 45	75 45	81 50	95 59	84 61	74 52	75 53	85 60	83 59	77 46	69 46	72.7 49.0	
HILLSBORO	MAX MIN	56 40	55 44	64 41	73 40	74 40	74 52	72 51	75 50	74 48	69 48	71 53	80 53	88 53	85 61	78 61	79 52	76 49	74 49	75 51	76 52	76 56	76 57	91 53	89 69	83 59	79 59	80 54	92 70	85 64	72 49	76.4 52.3	
JAMESTOWN CAA AP	MAX MIN	54 33	49 41	63 41	69 37	71 47	66 57	62 49	73 50	71 45	60 51	76 55	77 54	85 55	81 61	73 57	76 51	69 48	74 52	70 52	77 53	77 60	90 80	82 54	76 62	83 50	76 53	86 53	86 65	72 55	61 48	72.6 51.1	
JAMESTOWN STATE HOSP	MAX MIN	56 35	51 41	61 42	68 37	72 47	68 58	67 49	79 52	73 45	69 51	76 55	80 59	87 55	80 61	73 59	78 52	70 51	74 41	76 52	71 53	78 53	93 55	86 71	82 58	79 51	86 54	88 70	82 62	69 49	75.0 52.4		
KENMARE	MAX MIN	58 39	50 37	48 37	64 43	70 51	73 52	58 44	53 44	57 44	62 44	56 50	70 53	73 52	81 58	76 51	76 59	75 46	66 48	72 52	75 41	70 51	80 58	91 64	79 56	76 55	75 46	78 60	79 55	65 44	69.4 49.4		
KENSAL WILDLIFE REFUGE	MAX MIN	54 34	51 41	63 40	69 32	71 47	64 56	64 47	73 49	72 42	59 42	77 54	78 48	86 51	86 60	76 58	74 54	69 49	76 51	74 49	78 49	79 48	90 55	87 65	87 53	77 46	83 52	77 60	83 60	62 47	73.7 49.8		
LANGOON EXP FARM	MAX MIN	54 36	50 38	65 38	68 42	71 50	66 54	67 51	57 44	62 42	62 45	70 50	69 51	82 50	81 59	75 58	77 52	72 49	74 48	75 52	70 49	72 52	88 56	85 60	79 56	75 56	78 46	82 69	78 55	55 45	71.1 49.1		
LARIMORE	MAX MIN	54 46	51 41	64 39	70 40	73 43	72 49	71 50	68 50	69 46	65 47	70 53	78 53	85 51	84 62	76 61	78 51	73 50	75 45	72 50	72 50	75 55	89 55	86 67	82 59	76 53	76 50	88 73	84 61	70 44	74.1 51.5		
LEE05	MAX MIN	58 35	53 38	69 37	73 49	66 52	66 51	63 55	64 46	65 46	64 47	73 52	86 52	86 52	74 59	77 69	74 55	72 49	70 55	75 55	75 53	91 59	87 69	79 57	76 57	82 57	84 66	82 59	61 46	72.9 52.3			
LINTON	MAX MIN	59 41	51 42	62 42	72 42	75 52	72 52	65 49	77 54	76 41	65 53	77 56	82 48	88 51	75 55	78 52	80 50	65 45	75 51	78 49	69 49	85 48	84 62	95 70	87 62	84 51	90 65	88 76	76 56	70 48	75.9 51.2		
LISBON	MAX MIN	59 38	55 45	63 43	69 34	70 43	71 58	73 50	74 51	75 50	74 49	80 58	80 54	86 53	86 60	79 57	78 48	78 51	73 45	73 53	78 57	79 54	90 50	90 69	83 61	81 55	84 52	90 71	85 60	74 51	76.9 52.7		
LOSTWOOD 12 N	MAX MIN	54 34	47 34	59 34	70 36	73 48	68 50	57 44	59 43	59 41	56 42	69 48	71 49	79 45	73 55	73 47	73 30	64 39	70 42	74 48	67 40	75 48	78 55	86 51	78 43	74 51	78 54	82 59	72 53	55 42	69.1 45.8		
MA00CK AGR SCHOOL	MAX MIN	58 34	49 40	63 37	68 36	72 46	68 52	63 46	66 47	66 46	61 48	73 53	73 51	83 48	79 60	73 57	76 51	71 49	77 44	80 53	73 47	82 51	77 53	92 63	87 56	75 54	84 51	83 60	80 67	67 47	73.1 49.6		
MANOAN EXP STATION	MAX MIN	60 41	50 41	50 40	61 49	70 54	75 56	68 49	60 43	73 43	69 54	60 53	75 53	79 52	87 60	72 53	76 55	80 48	67 47	75 57	77 49	66 50	78 52	80 62	95 70	80 60	80 50	76 60	90 63	81 56	70 48	72.7 52.5	
MANOAN FT LINCOLN PARK	MAX MIN	62 38	48 38	63 36	78 54	75 52	73 50	64 46	75 50	72 42	60 50	77 52	82 46	87 50	77 57	80 50	77 53	68 44	77 43	81 53	78 45	80 47	83 53	93 60	88 67	87 56	85 46	92 56	82 52	72 46	76.7 49.5		
MARMARTH	MAX MIN	61 39	49 37	61 35	71 44	75 45	69 52	63 43		70	62 38	71 47	78 45	88 55	78 56	74 45	71 53	75 41	77 42	70 46	79 44	88 51	93 55	88 62	78 52	77 53	85 62	78 62	85 49	78 47	70 47	74.3 48.5	
MAX	MAX MIN	64 44	52 39	49 39	54 44	64 42	74 52	60 42	58 42	65 52	64 51	60 51	74 53	78 52	81 58	72 53	74 51	76 46	68 46	78 42	76 45	78 45	94 58	92 64	75 54	74 55	81 56	81 62	81 54	61 45	70.1 48.7		
MAYVILLE	MAX MIN	51 34	55 42	66 40	71 38	74 43	74 54	70 42	74 52	71 47	68 47	72 53	78 54	88 52	81 61	74 63	76 52	74 51	72 48	72 54	69 52	67 55	76 56	92 54	85 60	79 57	76 53	86 52	90 63	85 50	70 47	74.5 51.8	
MC CLUSKY	MAX MIN	55 40	48 38	57 38	67 39	72 43	68 52	60 42	68 42	66 43	66 56	72 52	75 51	85 54	76 59	73 52	77 51	65 49	72 44	74 44	72 58	77 51	91 60	86 59	75 60	86 52	75 57	87 65	82 55	80 51	64 45	72.0 50.4	
MC HENRY 5 N	MAX MIN	53 32	48 40	61 40	67 40	72 52	66 55	68 48	69 45	63 42	61 48	75 53	74 52	83 54	75 60	72 59	76 54	68 49	74 44	70 52	75 48	75 54	84 66	90 54	83 59	73							

Table 5-Continued

DAILY TEMPERATURES

NORTH DAKOTA
JUNE 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW SALEM 1 S	MAX	55	52	61	69	74	68	61	71	70	57	73	78	86	77	77	65	75	75	65	78	81	94	83	82	72		88	85	70		72.9	
	MIN	44	40			51	52	46	48	46	51	52	52	53	49	51	51	48	51	44	48	47	58	53	53	58		55	56	47		50.2	
NEWTOWN	MAX	56	46	61	70	76	71	60	64	66	64	72	73	81	75	76	75	64	75	74	71	78	83	94	92	76	76	84	80	77	60		72.3
	MIN	41	38	36	42	53	54	47	49	44	51	54	53	50	49	49	53	45	43	51	43	48	48	59	65	54	46	56	60	53	43		49.2
OAKES	MAX	60	55	70	60	67	72	69	72	73	75	69	79	81	86	83	75	80	67	70	74	71	80	77	90	89	83	85	87	90	75		75.5
	MIN	38	41	39	36	49	59	62	49	47	51	57	54	56	68	61	48	49	51	51	54	54	55	55	70	60	56	56	72	61	53		53.7
PARK RIVER	MAX	51	52	63	70	73	73	72	68	67	66	67	73	85	80	75	78	77	77	76	74	75	75	90	90	80	79	80	86	85	71		74.3
	MIN	36	40	39	41	41	50	56			50	47	54	55	55	62	62	53	52	48	54	50	56	55	49	65	59	54	47	65	62	48	
PARSHALL	MAX	58	47	61	69	74	71	60	64	66	61	72	74	81	74	74	74	63	74	75	66	77	80	92	84	74	75	82	79	75	60		71.2
	MIN	38	38	34	40	52	53	47	48	41	50	52	51	48	57	46	53	38	44	51	41	47	50	61	60	74	53	41	56	59	52	44	
PEMBINA 2 N	MAX	54	56	67	74	79	75	73	68	66	67	67	68	82	80	80	81	81	78	78	76	76	76	89	89	82	82	81	88	88	74		75.8
	MIN	38	39	38	35	42	48	59	48	48	42	52	55	51	62	62	50	51	52	54	48	54	55	56	61	57	51	42	66	60	48		50.8
PETERSBURG	MAX	52	49	61	68	69	68	67	69	66	69	69	73	83	89	78	76	74	74	73	72	74	74	87	82	80	74	78	85	82	69		72.8
	MIN	33	39	36	38	45	48	58	49	45	46	51	52	52	57	60	52	49	46	51	49	54	53	55	65	57	48	47	67	60	46		50.3
PETTIBONE	MAX	55	49	59	65	70	64	61	70	70	64	72	76	83	76	71	74	62	73	74	73	76	76	90	87	79		85	84	81	68		72.0
	MIN	36	40	41	39	49	54	48	48	43	51	55	50	55	59	55	52	43	41	52	49	51	49	51	61	58	55	68	58	46		50.2	
PORTAL	MAX	57	45	54	64	70	74	62	52	53	60	55	66	75	80	75	76	75	67	70	71	70	74	81	89	79	72	77	79	76	60		68.6
	MIN	38	37	36	41	51	51	50	46	43	47	50	52	48	57	48	55	43	42	45	40	50	47	55	54	54	43	50	57	55	44		47.6
POWERS LAKE 1 N	MAX	50	55	60	69	73	68	55	59	60	47	57	71	78	73		70	63	69	61	76	68	77	79	93	74	73	74	78	72	56		68.2
	MIN	39	31	34	32	52	52	45	46	44	46	51	50	45	50		52	40	40	45	39	50	59	59	63	52	37		59	52	43		46.6
RAUB 10 SSW	MAX	49	49	61	70	79	71	57	64	67	64	73	81	73	77	76	75	74	77	75	77	78	79	93	89	74	76	85	83	72	61		72.6
	MIN	35	40	36	43	54	53	48	52	43	52	53	51	58	48	52	53	50	41	45	46	45	46	63	52	46		47	53	44		48.2	
RICHAROTON ABBEY	MAX	58	43	56	68	73	71	63	69	68	58	73	77	85	76	78	74	63	74	77	72	78	82	92	83	78	77	83	79	77	67		72.4
	MIN	40	35	36	41	51	54	48	48	43	50	52	49	57	54	49	53	43	44	54	49	47	49	58	63	51	46	59	60	49	47		49.3
RIVERDALE	MAX	59	50	47	59	68	74	60	57	67	65	57	72	75	84	73	74	76	63	74	76	66	76	78	90	77	77	73	85	80	68		70.0
	MIN	41	39	39	41	51	53	49	47	47	50	52	54	54	58	54	55	47	49	54	48	49	51	61	61	53	48	58	62	55	47		50.9
ROLLA	MAX	50	49	62	67	70	63	61	55	62	59	67	69	79	77	73	74	66	72	74	70	74	74	87	82	77	69	79	81	71	53		68.9
	MIN	33	37	38	40	42	47	50	46	44	45	48	49	52	59	57	56	47	45	52	49	52	53	57	63	54	50	49	63	51	43		49.0
RUGBY	MAX	57	50	63	68	72	70	60	60	62	61	73	73	83	80	76	77	72	79	72	70	76		89	84	80	77	83	85	83	60		72.2
	MIN	38	40	40	40	47	52	50	48	46	49	53	53	54	61	57	58	54	56	57	48	53		64	60	57	49	55	66	59	47		52.1
SAN HAVEN	MAX	58	49	62	66	67	67	60	54	63	59	70	70	79	80	73	74	65	72	72	69	76	72	86	83	76	71	77	82	79	56		69.6
	MIN	35	38	38	40	46	49	54	45	44	47	52	50	49	58		57	43	45	52	46	51	52	57	63	55	49	51	63	54	46		49.3
SHARON	MAX	53	50	64	69	70	68	70	70	68	62	75	74	84	80	72	75	72	72	77	70	72	74	87	84	81	75	79	83	72	66		72.3
	MIN	35	40	39	38	43	50	50	53	45	47	56	52	55	60	61	51	49	45	52	50	52	55	57	66	57	51	49	67	62	47		51.1
STANLEY	MAX	55	46	60	68	68	72	55	60	64	56	68	70	80	73	73	73	63	72	71	72	75	78	91	77	75	73	79	75	64	57		68.8
	MIN	38	36	35	38	48	51	46	47	43	45	50	48	46	56	55	50	43	42	49	42	47	46	58	57	52	44	53	59	51	37		47.1
STEELE	MAX	60	50	61	69	75	73	63	73	72	66	75	79	88	83	76	78	67	63	76	75	78	88	92	89	82	79	87	87	82	70		75.2
	MIN	39	40	41	43	50	53	49	50	43	51	55	50	53	60	53	53	47	46	43	48	50	50	60	68	58	47	56	65	57	48		50.9
TOWNER	MAX	54	52	63	70	75	72	57	64	63	58	73	72	73	84	75	78	66	75	77	79	77	76	91	88	79	72	84	83	79	61		72.3
	MIN	38	40	39	38	44	48	48	48	44	48	52	51	51	52	54	46	48	54	52	44	49	49	59	59	59	49	53	63	56	45		49.4
TURTLE LAKE	MAX	59	49	59	70	74	72	61	69	69	64	74	77	82	74	75	75	65	74	76	67	76	78	91	89	79	78	85	85	80	63		73.0
	MIN	40	39	38	41	50	53	48	48	44	50	53	52	56	59	53	55	47	48	55	47	50	51	58	65	54	48	56	65	55	52		51.0
UNDERWOOD	MAX	59	59	45	60	71	74	64	56	69	66	57	73	75	87	72	75	77	65	74	76	66	76	79	91	78	79	75	86	81	68		71.1
	MIN	40	39	38	41	50	52	50	48	43	50	52	50	53	57	53	54	45	46	53	46	49	49	60	64	53	46	56	64	53	45		50.0
UPHAM 3 N	MAX	60	52	62	71	69	70	58	57	63	60	70	76	82	77	77	79	68	76	73													

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1953-54

NORTH DAKOTA
JUNE 1954

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	NDRMAL JULY-JUNE	
ALMONT 7 SW	16	14	181	341	800	1221	1861	817	1283	727	393	146	7800	9033	
AMENIA	19	4	204	352	883	1512	2036	1008	1196	665	421	84	8384		
ARVILLA STATE PARK	27	18		404	919	1524	2115	1049	1256	756	463	114			
ASHLEY	37	15	199	351	873	1308	1920	868	1224	678	451	129	8053		
BELCOURT INDIAN RES	67	38	364	482	995	1527	2194	1105	1432	913	599	242	9958		
BELFIELD	23	30	244	439	841	1230	1816	822	1322	784	485	188	8224	9033	
BISREE	41	26	312	458	966	1535	2203	1119	1300	854	511	157	9482		
BISMARCK WB AP	17	4	205	401	866	1279	1996	866	1268	726	420	131	8179		
BOWMAN COURT HOUSE	16	23	194	386	787	1165	1674	802	1283	711	426	158	7625		
CARSDN NO 2										710	429	169			
CAVALIER	20	11	252	403	908	1512	2153	1069	1259	806	461	110	8964	9940	
CENTER	38	14	249	420	896	1287	2000	878	1307	771	459	165	8484		
CDOPERTSTOWN	28	7	237	386	905	1479	2060	982	1268	720	463	117	8652		
CROSBY	30	12	246	445	906	1364	2222	1026	1368	896	519	257	9291		
DEVILS LAKE WB CITY	36	19	266	415	920	1513	2175	1091	1311	818	503	144	9211		
DICKINSON CAA AP	25	17	226	405	808	1249	1840	838	1381	814	456	190	8249	9274	
EMORE 1 W	66	52	307	435	958	1556	2167	1130	1313	823	500	138	9445		
ELBOWOODS	26	10	187	371	797	1251	2024	853	1293	761					
ELLENDALE	14	1	153	320	868	1338	1900	851	1173	619	394	89	7720		
EPHING	28	12	215	404	856		2236	943	1308	839	455	177			
FARGO WB AP	20	4	214	381	892	1556	2060	1075	1219	711	456	75	8663	9274	
FESSENDEN	29	14	294	417	925	1413	2102	990	1293	759	454	133	8823		
FORMAN	10	1	198	398	874	1449	1991	930	1172	623	417	87	8150		
FORT YATES	16	5	153	338	798	1169	1795	760	1128	623	362	93	7240		
FOXHOLM 7 N	12	12	229	369	837	1325	2097	944	1294	807	477	143	8546		
FULLERTON	11	2	170	326	857	1374	1922	869	1188	649	408	90	7866		
GACKLE	21	11	204	344	865	1337	2078	933	1261	714	420	151	8339		
GRAFTON STATE SCHOOL	39	17	241	383	919	1528	2218	1095	1251	777	453	115	9036		
GRAND FORKS CAA AP	31	12	265	418	940	1594	2138	1111	1274	787	483	105	9158		
GRAND FORKS UNIVERSITY	22	9	235	358	903	1551	2116	1075	1220	726	438	91	8744		
GRAND RAPIDS 1 N	17	9	200	356	886	1394	1979	907	1192	668	417	83	8108		
GRANVILLE	19	14	246	384	864	1383	2102	1007	1254			142			
GRENORA	33	11	235	421	861	1242	2011	942	1312	825	413	238	8544		
HANNAH	64	51	344	455	946	1584	2248	1185	1379	898	575	179	9908		
HANSBORO	53	41	304	452	942	1495	2203	1056	1330	888	522	187	9473		
HETTINGER	26	26	227	399	812	1191	1730	792	1299	710	415	160	7787		
HILLSBORO	16	11	217	363	906	1505	2066	1054	1206	695	446	92	8577		
JAMESTOWN CAA AP	31	12	236	393	907	1412	2028	949	1288	734	461	134	8585		
JAMESTOWN STATE HOSP	16	3	193	345	869	1369	1981	921	1233	705	424	109	8168		
KENSAL WILDLIFE REFUGE	39	6	190	353	879	1398	2046	949	1275	702	469	144	8450		
LANGOON EXP FARM	53	43	306	415	960	1577	2224	1158	1357	865	550	180	9688		
LARIMORE	24	12	235	381	895	1493	2120	1037	1257	754	456	121	8785		
LEEDS	40	27	276	429	925	1469	2197	1072	1291	795	495	129	9145		
LINTON	18	5	200	365	833	1279	1878	846	1188	672	379	108	7771		
LISBON	25	1	214	345	905	1455		919	1169	628	433	89			
LOSTWOOD 12 N	48	21	303			1387	2177	1043	1408	898	551	238		8952	
MAODOCK AGR SCHOOL	29	12	243	414	932	1436	2139	1055	1310	777	454	151	8952		
MANDAN FT LINCOLN PARK	12	7	169	364	842	1233	1919	825	1243	689	401	112	7816		
MARMARTH	11	12	195	434	860	1149	1636	773	1223	636	389	152	7470		
MAYVILLE	24	9	213	374	870	1500	2035	1023	1226	715	461	116	8566		
MC CLUSKY	21	3	214		905	1356	2055	974	1307	786	465	156		9088	
MC HENRY 3 E	46	26	270	394	935	1498	2143	1051	1311	778	486	150	9088		
MC LEOD 3 N	16	5	202	359	862	1481	1985	945	1184	669	432	90	8230		
MEODRA 4 NNE	25	12	196	434	787	1191	1795	788	1252	700	397	144	7721		
MINOT CAA AP	72	14	243	421	869	1368	2103	961	1336	827	495	183	8842		
MINOT EXPERIMENT STATION	27	20	241	408	885	1331	2101	968	1305	745	488	164	8683		
MOFFIT 4 SE	47	25	250	378	812	1248	1908	852	1216	701	441	118	7996		
MOHALL	34	15	238	432	911	1418	2174	1006	1318	840	519	178	9083		
MOTT	29	24	236	441	842	1221	1806	832	1324	760	470	183	8168		
MUNICH 4 SW	74	48	347	492	979	1582	2272	1159	1331	840	533	159	9816		
NAPOLÉON 1 SE	28	5	189	391	852	1304	2001	896	1240	690	413	114	8123		
NEW ENGLAND	23	13	216	418	813	1202	1788	826	1344	749	449	169	8010		
NEW SALEM 1 S	28	14	212	398	848	1271	1925	827	1263	748	439	128	8101		
NEWTOWN	21	7	232	400	857	1296	2057	919	1280	773	442	157	8441		
PARK RIVER	21	12	235	372	902	1495	2136	1043	1250	779	465	109	8819		
PARSHALL	41	23	265	443	887	1347	2102	963	1314	808	477	180	8850		
PEMUNA 2 N	31	20	239	375	915	1545	2275	1154	1309	804	463	108	9238		
PETERSBURG	35	14	261	416	933	1535	2202	1095	1328	818	532	148	9317		
PETTIBONE	18	8	193	372	871			994	1289	757	441	158			
POWERS LAKE 1 N	45	22	328	479	969	1439	2267	1056	1347	908	540	249	9649		
RAUB 10 SSW											423	165			
RICHARDTON ARBEY	19	10	181	350	772	1191	1845	814	1310	751	426	154	7823		
ROLLA	48	30	290	458	965	1526	2192	1077	1383	897	557	202	9634		
RUGBY	13	13	232	400	896	1448	2156	1064	1288	787	464	142	8903		
SAN HAVEN	37	20	283	409	936	1472	2149	1040	1361	866	517	194	9284		
SHARON	33	12	254	394	895	1509	2101	1028	1286	758	480	138	8888		
STANLEY	48	22	305	466	932	1412	2134	994	1359	870	516	221	9279		
STEELE	17	6	207	367	872	1306	2015	896	1251	704	431	122	8194		
TOWNER	14	22	273	422	907	1468	2229	1038	1258	800	477	159	9067		
TURTLE LAKE	16	11	206	372	873	1300	2038	919	1259	735	426	132	8287		
UPHAM 3 N	18	7	269	431	947	1456		2208	1081	1309	786	466	160	9138	
UPHAM 3 W	20														
VALLEY CITY	15	2	205	343	867	1408	1970	925	1189	645	407	92	8068		
VELVA	20	20	222	400	870	1338	2070	957	1257	748	464	144	8510		
WAMPETON STATE SCHOOL	10	2	169	321	849	1511	1974	1013	1156	612	402	57	8076		
WASHBURN	20	5		360	848	1241	1966	855	1235	698	386	121			
WATFORD CITY	21	13	209	388	796	1237	1971	857	1240	774	432	166	8154		
WATFORD CITY 14 S	17	11	193	322	800	1180	1893	810	1275	708	404	133	7746		
WESTHOPE	38	16	311	497	974	1522	2246	1147	1362	885	513	194	9705		
WILLISTON WB CITY	23	8	222	391	815	1250	2034	896	1309	803	432	173	8356		
WILLOW CITY	31	18													

DEGREE DAY NORMALS IN THIS TABLE ARE DERIVED FROM THE PERIOD 1921-1950

Table 6

EVAPORATION AND WIND

NORTH DAKOTA
JUNE 1954

Station		Day of month																															Total or Avg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEVILS LAKE WB CITY	EVAP WIND	.11 29	.11 49	.10 38	.21 27	.27 71	.13 64	- 67	- 224	.15 63	.09 33	- 51	.26 72	.16 23	- 30	- 64	.15 30	.22 42	.10 26	.16 21	.13 6	.09 9	.14 19	.16 12	.24 32	.27 33	.25 43	.24 61	.30 50	.22 46	.14 82	5.288 1417	
DICKINSON EXP STATION (A)	EVAP WIND	.18 95	.05 150	.03 160	.13 60	.16 290	.31 240	.01 135	.17 215	.22 145	.14 105	.05 130	.16 100	.19 80	.21 150	.12 120	.17 70	.16 100	.10 50	.11 110	- 85	.06 85	.21 110	.14 130	.15 85	.30 175	.15 70	.34 230	.13 130	.29 140	.20 150	4.808 3895	
EDGELEY EXP FARM	EVAP WIND	.12 113	.14 45	.09 159	.14 80	.22 60	.28 157	.63 60	- 140	.31 20	.20 60	.43 70	.16 43	.21 72	.23 47	.64 46	.37 38	.21 95	.06 20	.19 21	.20 41	.12 20	.19 60	.27 43	.27 57	.24 85	.26 53	.30 77	.32 70	.34 129	.28 49	7.688 2261	
MANDAN EXP STATION (A)	EVAP WIND	.18 134	.14 218	.00 139	.09 43	.19 231	.22 273	.06 123	.15 267	.17 139	.15 125	.09 158	.14 74	.17 71	.20 121	.12 97	.20 94	.18 119	.10 52	.19 78	.13 63	.09 31	.19 115	.18 63	.17 87	.33 181	.20 64	.29 154	.12 128	.22 92	.28 136	4.998 3670	
RIVERDALE	EVAP WIND	.21 114	.18 208	.15 108	.13 55	.33 232	.32 303	.17 110	.26 315	.18 166	.19 95	.24 149	.32 147	.32 100	.37 163	.14 75	.30 108	.24 140	.13 73	.28 127	.27 92	.14 80	.31 82	.29 113	.37 63	- 127	.27 63	.35 144	- 114	.33 68	.20 129	7.498 3863	

(A) PAN 6 FT IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

WEATHER SUMMARY (Continued)

They reported gusts at times to 95 miles per hour with winds shifting from southeast to southwest. The highest winds in the area were generally reported after the wind shifted to a westerly or south-westerly direction following the passage of an occluded front. Winds in the area were generally estimated from 60 to 80 miles per hour for several hours beginning in the afternoon and evening of the 7th and continuing over northern part of the state into the morning of the 8th. According to one newspaper account the air base at Finley in Steele County reported gusts to over 100 miles per hour. Extensive damage occurred to trees, farm buildings, towns, power and communication facilities. Every county in the eastern half of the state reported at least some damage and most of them had extensive damages. Property damage is estimated to run over a million dollars in the state. Extremely heavy rain fell in a narrow band from 20 to 40 miles wide from Edgeley to Carrington where it averaged 2 to 5 inches for the two day period. The north-central area, however, bore the brunt of the heavy rain. Pierce, Towner, Rolette, eastern Bottineau and eastern McHenry counties averaged substantially over 4 inches of rain with the apparent center of heavy rain in south-central Rolette and northeastern Pierce counties where unofficial reports indicated rainfall of more than 8 inches for the 48 hour period. The town of Rolette officially reported over 6 inches. In addition heavy rains had occurred in much of the area on Sunday June 6th. As a consequence much low land was flooded and all small streams in the area rapidly filled in a few days, causing the worst floods ever seen in June. The floods rivalled some of the record spring run-off floods of the past 75 years. The accompanying map shows the 48 hour precipitation, most of which fell from early Monday morning to Tuesday morning during the time the low pressure system actually moved across the state. The heaviest rain occurred to the west of the center of this low.--CJS

CLIMATOLOGICAL DATA

NORTH DAKOTA
DELAYED DATA

TABLE 2

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
										90° or Above	33° or Below	32° or Below	0° or Below										
SEPTEMBER 1953 EASTERN DIVISION GACKLE	73.4M	44.9M	59.2M	+1.4	88	10	29	21	204	0	0	1	0	.66	- .92	.34	9	T	0		5	0	0

DAILY PRECIPITATION

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SEPTEMBER 1953 GACKLE	.66	.03							.34									T	.05		.02			.22								

DAILY TEMPERATURES

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SEPTEMBER 1953																																	
GACKLE	MAX MIN	85 57	84 58	73 51	63 48	40		86 52	85 52	87 52	88 60	79 50	67 49	76 45	78 49	73 40	84 39	76 45	71 38	71 42	57 41	60 29	71 39	69 51	64 46	61 41	62 41	76 39	73 38	64 44	72 34	73.4 44.9	

STATION INDEX

NORTH DAKOTA
JUNE 1954

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	
Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precep.	Observer	Refer to tables
Adams 7 S	0022	Walsh	1	48 20 98 08					GP Myron J. Bata	
Alexander	0096	McKenzie	13	47 50 103 38	2200				GP Arthur J. Bauman	
Alcock 7 SW	0096	McKenzie	13	47 50 103 38	2200				GP Arthur J. Bauman	
Amber	0189	Divide	12	48 58 103 28	2059				GP Soe Line Agent	
Amelia	0196	Cann	11	47 00 97 13	2059				SS Virgil L. Gebeke	
Amidon	0209	Slope	1	48 29 103 19	2910				8A Virginia M. Zundel	
Antler	0283	Bottineau	12	48 58 101 20	1540				MID W. B. Wagner	
Arvilla State Park	0369	Grand Forks	10	47 56 97 13	2810				GP Albert Thoresen	
Asbury	0382	McIntosh	8	46 02 99 22	2025				SS Soe Line Agent	
Baldhill Dam	0450	Barnes	11	47 02 98 02	1300				MID Corps of Engineers	
Balfour	0492	McHenry	12	47 57 100 32	1615				MID Raymond E. Meller	
Balta	0500	Pierce	14	48 10 100 02	1550				GP Anton Schmitt	
Bantry	0516	McHenry	12	48 30 100 36	1458				9A Temple K. Roberts	
Beach	0590	Golden Valley	7	46 55 104 01	2814				6A Helen Tobias	
Belcourt Indian Res.	0626	Rolette	9	46 50 99 45	1860				7P Turtle Mt. Ind. Ag.	
Belfield	0639	Stark	4	46 53 103 11	2592				7P Carl Indergard	
Berthold	0729	Ward	4	46 19 101 44	2080				GP Joseph S. Cox	
Besulah	0766	Mercer	6	46 16 101 47	1780				8A Mont. Oak Util. Co.	
Biehse	0796	Towner	2	48 37 99 22	1600				GP Robert J. Krick	
Bismarck WB Airport	0819	Burleigh	4	46 46 100 45	2100				GP Bernard L. Domagala	
Bismarck 12 ENR	0827	Burleigh	8	46 51 103 33	1709				SP KFR Transmitter	
Bottineau	0841	Bottineau	12	48 50 100 27	1640				8A W.D. Sch. of Frater	
Bowheila	0911	Stark	4	48 10 102 15	1953				8A Felix L. Adams	
Bowman Creek House	0995	Bowman	3	46 11 103 23	2980				SP D. B. Book	
Bowman 11 SE	0998	Bowman	3	46 04 103 19	2910				GP Bernard L. Domagala	
Bowman 30 NW	1001	Slope	7	46 35 103 31	2505				SP John B. Banason	
Greten	1052	Morton	1	46 24 100 56	1720				MID Frank R. Potter	
Guchanan	1124	Stutsman	5	47 04 98 49	1572				MID W. B. Hendrickson	
Gravelly	1216	Bottineau	12	48 58 101 08	1500				GP Jacob Gruebele	
Butte	1225	McLean	12	47 50 100 40	1880				8A Earl R. Ward	
Cando	1288	Towner	2	48 29 99 12	1481				MID Barry E. Harris	
Carrington	1360	Forster	4	47 27 99 08	1579				7A Soe Line Agent	
Carson	1365	Grant	5	46 25 101 34	2300				MID Vincent Muggli	
Carson No. 2	1370	Grant	5	46 24 101 34	2310				GP W. O. Brundage	
Cavaler	1435	Pembina	9	48 48 97 38	889				GP Willie Hansen Pico	
Center	1456	Oliver	8	47 07 101 18	2100				7P Fred L. Reitz	
Colgate	1686	Steele	10	47 14 97 39	1180				GP John P. Surchill	
Columbus	1696	Burke	12	48 54 102 47	1930				GP J. D. Sundell	
Cooperston	1766	Griggs	5	46 36 98 07	1428				SP Paul Crane	
Courtenay	1816	Stutsman	5	47 13 98 34	1523				SP G. B. Banauval	
Crosby	1871	Divide	12	48 54 103 18	1954				GP Vernon W. Nichols	
Dawson	2018	Kidder	8	46 52 99 45	1730				MID Ralph W. Wise	
Devlin Lake WB City	2158	Ramsey	2	48 47 102 48	1471				MID U.S. Weather Bureau	
Dickinson CAA AP	2188	Stark	4	46 53 102 48	2480				MID U.S. Civil Aero Adm.	
Dickinson Exp. Station	2188	Stark	4	46 53 102 48	2480				7A Dickinson Exp. Sta.	
Donnybrook	2242	Ward	4	48 31 101 53	1780				GP Fred E. Feldner	
Drake	2298	McHenry	12	47 55 100 22	1634				8A Ed. J. Evans	
Dunn	2365	Dunn	4	46 21 102 37	2310				8A Charles C. Neustel	
Eckman	2472	Bottineau	12	48 39 101 03	1500				7A Soe Line Agent	
Edgely Exp. Farm	2482	La Moure	5	46 20 98 42	1568				8A N.D. Agri. Exp. Sta.	
Edmore 1 W	2525	Ramsey	2	48 25 98 29	1520				SP Mike Davin	
Elgin 5 S	2592	Grant	1	46 21 101 49	2241				GP Art A. Emlinger	
Ellendale	2603	Dickey	8	46 31 98 31	1460				GP Paul Crane	
Endlin	2695	Ramsey	11	46 38 97 36	2004				7A Leonard Peterson	
Eppling	2735	Williams	8	48 17 103 21	2224				7P T. Beascher	
Esmond	2767	Benson	11	48 02 99 46	1650				MID Lyle O. Fering	
Fairfield	2809	Williams	7	47 11 103 13	1750				GP John Petrusak	
Fargo WB Airport	2825	Cann	10	48 54 98 48	2390				MID U.S. Weather Bureau	
Fessenden	2949	Wells	5	47 39 97 39	1620				GP Emil P. Rust	
Flasher	3009	Morton	1	46 27 101 14	1930				8A George W. Sinclair	
Flaxton	3019	Burke	12	48 54 102 23	1940				GP Palmer W. Dumas	
Forbes 13 NW	3045	Dickey	8	47 58 97 25	1930				GP Thomas A. Birch	
Forman	3117	Sargent	10	46 06 97 39	1249				GP Art Waterman	
Fort Yates	3207	Sioux	8	46 06 100 38	1640				GP Soil Conservationist	
Forzula 7 W	3217	Ward	4	48 27 101 34	1609				GP U.S. Wildlife Ref.	
Fryburg 1 NE	3277	Billings	5	46 53 103 18	2742				MID Oliver Stuhallier	
Fulton	3297	Dickey	8	47 58 97 25	1930				GP Robert B. Backfish	
Gackle	3309	Logan	5	46 38 98 08	1951				GP Alvin Bussell	
Garrison	3376	McLean	8	47 38 101 25	1911				7A Albert J. Betrele	
Glen Ullin	3406	Morton	4	46 40 101 49	2010				MID Frederick Ambora	
Glen Ullin 13 W	3501	Mercer	6	47 00 101 47	2221				GP Christ Schilling	
Golden Valley 10 S	3509	Burke	12	48 54 102 23	1940				GP Robert B. Backfish	
Grace City	3583	Forster	4	47 33 98 48	1495				MID Ida Bonderud	
Grace City School	3594	Walsh	10	48 25 97 25	827				GP James Marr	
Grand Forks CAA AP	3612	Grand Forks	10	47 56 97 13	2810				MID U.S. Civil Aero Adm.	
Grand Forks University	3621	Grand Forks	10	47 55 97 05	830				7P University of N.D.	
Grand Rapids 1 N	3655	La Moure	5	46 28 98 21	1360				GP Albert J. Hess	
Grano	3676	Newville	12	48 37 101 35	1625				MID Oswald B. Bjornlie	
Grassville	3686	McHenry	12	47 57 100 32	1615				GP Fred Rohlf	
Grassy Butte	3696	McKenzie	5	47 24 103 14	2680				MID Sam Charchenko	
Grassy Butte 10 N	3701	McKenzie	5	47 31 103 14	2497				GP Ednei G. Crist	
Grenora	3736	Williams	8	48 37 103 59	2114				10P L. D. Nielson	
Haley	3836	Hamon	3	45 58 103 08	2695				MID J. E. Crawford	
Halliday	3846	Dunn	4	46 21 102 20	2075				GP Maurice E. Yanson	
Hankinson R R Station	3908	Richland	10	46 04 96 54	1068				7A Soe Line Agent	
Hancock	3928	Griggs	11	47 18 98 12	1428				MID Helen Benson	
Henson	3936	Cavaler	9	48 59 98 41	1570				GP D.S. Customs Office	
Hessboro	3963	Towner	2	48 57 97 23	1600				7P Charles E. Disher	
Hesperia 5 NE	4013	Wells	5	46 36 99 55	1580				GP Stephen Schroder	
Hesperia 5 NE	4073	Adams	1	48 00 102 22	2550				MID Baxen Evans	
Hazen R R Station	4083	Emmons	5	46 29 100 17	1978				MID V. G. Shaw	
Hettinger	4178	Adams	3	46 00 102 38	2680				GP Fred O. Forthum	
Hettinger 17 N	4186	Adams	3	46 15 102 39	2610				MID D. J. Gerbracht	
Hillsboro	4203	Trail	10	47 24 97 04	801				GP Alfred Jabke	
Hurlfield	4343	Wells	5	47 27 98 55	1915				MID Ruth Buchwitz	
Jamestown CAA AP	4413	Stutsman	5	46 55 98 41	1492				MID D.S. Civil Aero Adm.	
Jamestown St. Hospital	4418	Stutsman	5	46 53 98 41	1457				7P W.D. State Hospital	
Jewett 2 S	4571	McKenzie	5	47 34 102 56	2346				GP Kenneth V. Herget	
Jenners	4646	Ward	12	48 40 102 05	1800				8A Theo. E. Eckberg	
Jenners Wildlife Refuge	4656	Stutsman	5	47 16 98 52	1440				SP D.S. Wildlife Ref.	
Killdeer 8 SE	4726	Dunn	7	47 26 102 53	2240				GP Leonard J. Davis	
Kramer 5 NW	4823	Bottineau	12	48 39 100 37	1457				MID Paul A. Kretschmar	
Kula	4843	La Moure	5	46 18 98 57	1970				GP John Strochi	
Langdon Exp. Farm	4958	Cavaler	9	48 45 98 20	1615				SP V. Sturlaugson	
Lansford	5002	Bottineau	12	48 38 101 22	1800				GP Louie Schaefer	
Larimore	5013	Grand Forks	10	47 55 97 39	1134				SP Bennie Engen	
Leeds	5078	Benson	11	48 17 99 26	1515				GP John Jager	
Leifer 10 E	5088	Stark	4	48 38 102 21	2545				GP Joseph Link	
Linton	5210	Emmons	8	46 16 100 14	1685				GP Leonard P. Malone	
Lisbon	5220	Ransom	11	46 26 97 42	1089				SP N.D. Soldiera Home	
Litchville	5230	Barnes	11	46 39 98 11	1467				GP William R. Rush	
Lostwood 12 M	5320	Walsh	10	48 33 102 24	2250				GP Lostwood W.L. Ref.	
Madock Agri. School	5434	Morton	1	47 58 99 30	1604				GP Benson Cy Agr. Sch.	
Mandan Exp. Station	5478	Morton	4	46 48 100 54	1750				8A W. G.P. Field Sta.	
Mandan Pk. Lincoln Park	5484	Morton	4	46 47 100 52	1700				GP Park Supt.	
Mandan	5519	Dunn	8	47 14 102 46	2219				MID Donald Jefferies	
Marmarth	5573	Slope	7	46 18 103 55	2714				GP P. P. Grose	
Marmarth W.D.U. Co.	5575	Slope	7	46 18 103 55	2719				MID E. B. Jenette	
Martin	5610	Sheridan	11	47 50 100 07	1610				GP Shroy E. Kessler	
Mar	5638	McLean	8	47 49 101 13	2003				8A R. R. Schaefer	
Mayville	5660	Trail	10	47 30 97 19	975				GP B. A. Rags	
McCluskey	5710	Sheridan	11	47 29 100 28	1843				GP Elmer Scheltke	
McGregor R R Station	5720	Williams	8	48 36 102 56	2150				MID L. E. Erickson	
McHenry 5 N	5730	Eddy	11	47 38 98 35	1509				7P C. E. Blasky	
McLeod 3 S	5744	Richland	11	46 24 97 14	1075				7P G. Carlson	
McVelle	5764	Wells	5	47 46 98 10	1467				GP B. R. Saevel	
Medina 1 W	5798	Stutsman	5	46 53 98 19	1759				GP Rudolph Graf	
Medora 2 SE	5803	Billings	7	46 53 103 30	2359				MID Leon Hellison	
Medora 4 NW	5813	Billings	7	46 54 103 30	2350				SP U.S. Natl. Park Serv.	
Medora 23 NW	5818	Billings	7	47 14 103 36	2123				7A Archie E. McAdoo	
Medville	5833	Forster	4	47 20 98 02	1625				MID Edgar S. Stegmaier	
Melville	5888	Ward	4	46 19 101 17	1722				MID U.S. Civil Aero Adm.	
Misot CAA AP	5902	Walsh	10	48 10 101 18	1720				GP M.C. Agri. Exp. Sta.	
Misot Exp. Station	6015	Burleigh	4	46 40 100 14	1760				SP U.S. Fish & W.L. Ser.	
Moffitt 4 SE	6025	Renville	12	48 46 101 31	1638				GP Iver Johnson	
Moball	6105	Stutsman	5	46 42 98 35	1379				8P Rolf Hanson	

CORRECTIONS

May 1953: Edgeley Experiment Farm, Table 2, Mean Max. should be 62.4, Mean Min. 42.4, Mean 52.4 and Departure from normal -2.0.
 Edgeley Experiment Farm, Table 5, Max on 18th should be 62, 21st 46; Mean Max 62.4; Min on 17th should be 47, 22nd 44, Mean Min 42.4.
 Upham 3 W, Table 2, Mean Max should be 63.9, Mean Min 40.7, Mean 52.3, Departure from normal missing and total degree days 389. Min with 32° or below should be 7.
 Upham 3 W, Table 5, Max on the 1st should be 40, 11th 42, Mean Max 63.9. Min on the 2nd 35, 25th 51, 30th 55 and Mean Min 40.7.

June 1953: Upham 3 W, Table 2, Mean Min should be 51.4, Mean 62.6 and Departure from normal missing.
 Upham 3 W, Table 5, Min on the 29th should be 61, Mean Min 51.4.

December 1953: Table 1, Mean temperature for 1927 should be -1.8.

January 1954: Bismarck, Table 2, Departure from normal should be -8.6.
 Carrington, Table 2, add M's to Mean Max, Mean Min and Mean.
 Pembina 2 N, Table 2, greatest depth on ground should be 13 on 18+.
 Sharon, Table 2, Max 32 or below should be 29.

February 1954: Minot CAA AP, Table 2, total precipitation should be .13, departure from normal - .30.
 Minot CAA AP, Table 3, precipitation on 21st should be .01, total .13.

March 1954: Bismarck WB AP, Table 2, departure from normal should be -2.8.

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- 0 Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.
- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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CLIMATOLOGICAL DATA

NORTH DAKOTA

JULY 1954

Volume LXIII No. 7



NORTH DAKOTA - JULY 1954

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

July averaged warm and dry in North Dakota. The first three days were unusually cool and it was cool again from the 29th to the 31st but most of the period from the 5th to the 28th was above normal. The heavy precipitation that occurred during June continued during the first week of July at most stations. The remainder of the month was mostly dry. Precipitation varied considerably from station to station but the least amounts occurred mostly in the area from Bottineau County southwestward to northern Stark County. The greatest amounts occurred mostly from Morton County eastward to LaMoure County. Storm damage from high winds and hail was comparatively light.

The mean temperature for the state was 70.4 degrees which is 0.8 degree above normal. The eastern division averaged 70.5 degrees which is 1.1 degrees above normal; the middle division averaged 69.9 degrees which is 0.3 degree above normal, and the western division averaged 70.9 degrees which is 1.0 degree above normal. The highest temperature in the state was 107° at Fort Yates on the 9th. The lowest temperature was 35° at Powers Lake on the 1st. The highest mean temperature for the month was 74.5° at Marmarth and the lowest mean temperature was 65.6° at Portal.

Precipitation averaged 1.92 inches over the state which is 0.55 inch below normal. The eastern division averaged 2.44 inches which is 0.37 inch below normal; the central division averaged 1.91 inches which is 0.58 inch below normal and the western division averaged 1.40 inches which is 0.70 inch below normal. Gackle reported 7.23 inches for the greatest amount in the state and Donnybrook and Upham reported 0.44 inch for the least in the state. The greatest amount in any 24 hours was 4.65 inches at Gackle on the 2nd. No widespread heavy hail was reported but about 20 stations reported a trace of hail.

Crops looked good at the beginning of the month and in some northern sections there was too much moisture but as the month progressed, crops began to deteriorate. Black stem rust developed rapidly due to the humid weather and heavy vegetation at the beginning of the month. Later in the month dry weather prevailed in most sections and the combined effect of the rust and drought caused the crops to deteriorate from what appeared to be an excellent stand of small grain at the beginning of the month to an average of only fair to good at the close of the month. Pastures continued good and the late crops were holding up quite well but in most sections rain was needed by the close of the month. Devils Lake reported the driest July since 1930. Other stations reported moderate to heavy precipitation as is usual during July due to thundershower conditions. More than the usual number of days with readings of 90° or above occurred but only a few stations reported temperatures above 100°. Rain was needed in all sections at the close of the month and crop prospects were not too good. Durum wheat was especially poor due to rust infestation.

A tornado struck a farm in Wells County on the 6th with damage of about \$10,000. High winds and hail also occurred on several days, mostly in the last half of the month, but damage from these sources was less than the normal July amount.-- FJB

SUPPLEMENTAL DATA

NORTH DAKOTA
JULY 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
BISMARCK WB AIRPORT	E	15	10.2	56	NW	28	78	85	54	51	6	4	1	3	1	0	15	71	5.0
DEVILS LAKE WB CITY	-	-	7.1	26	NE	6	-	-	-	-	7	4	6	0	0	0	17	70	4.5
FARGO WB AIRPORT	SSE	13	11.0	49	SW	26	81	86	54	54	6	3	3	2	0	0	14	64	5.9
WILLISTON WB CITY	-	-	7.6	28	SE	8	-	81	45	38	4	5	4	1	0	0	14	78	4.6

COMPARATIVE DATA

JULY

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall	
1892	68.7	108	31	3.23	0		1914	72.1	109	36	2.17	0		1936	79.9	121	38	0.70	0	
1893	69.5	112	35	2.04	0		1915	62.3	97	30	3.13	0		1937	71.7	111	40	2.93	0	
1894	71.7	107	38	0.63	0		1916	73.1	105	33	2.96	0		1938	69.7	104	39	3.34	0	
1895	66.1	102	29	2.90	0		1917	70.9	114	27	1.54	0		1939	72.6	108	37	1.81	0	
1896	67.5	107	31	1.51	0		1918	65.5	102	34	2.73	0		1940	71.6	107	37	3.70	0	
1897	68.9	109	38	4.43	0		1919	71.2	105	37	1.86	0		1941	70.8	106	34	1.76	0	
1898	67.6	106	28	2.49	0		1920	68.3	103	31	2.11	0		1942	67.1	97	36	2.43	0	
1899	68.3	109	32	2.34	0		1921	71.4	110	35	3.07	0		1943	70.5	103	41	2.72	0	
1900	67.9	107	33	2.25	0		1922	65.6	100	30	2.48	0		1944	67.6	102	33	1.74	0	
1901	70.8	110	40	4.28	0		1923	71.2	103	35	3.05	0		1945	67.8	102	30	2.31	0	
1902	67.6	106	34	2.15	0		1924	65.5	99	32	1.93	0		1946	70.6	110	34	2.17	0	
1903	66.7	109	26	2.23	0		1925	66.7	106	29	1.35	0		1947	70.4	103	33	1.79	0	
1904	64.4	102	34	2.13	0		1926	70.3	108	32	2.04	0		1948	69.3	108	34	4.04	0	
1905	65.6	100	32	3.78	0		1927	65.4	97	28	2.84	0		1949	69.5	111	30	3.56	0	
1906	66.9	102	34	1.56	0		1928	67.4	96	38	4.82	0		1950	66.1	100	36	1.92	T	
1907	65.8	103	31	3.06	0		1929	70.6	109	34	1.27	0		1951	68.2	105	33	1.94	T	
1908	68.6	103	31	1.91	0		1930	72.3	107	34	1.04	0		1952	67.8	105	34	2.79	T	
1909	67.1	99	34	2.73	0		1931	70.6	111	37	3.03	0		1953	68.1	97	38	1.51	T	
1910	70.0	114	33	1.60	0		1932	70.0	108	36	1.95	0		1954	70.4	107	35	1.92	T	
1911	65.1	107	23	1.70	0		1933	71.9	109	36	2.00	0								
1912	66.0	106	30	3.66	0		1934	71.8	112	29	1.22	0								
1913	65.6	103	35	2.22	0		1935	73.8	110	45	4.41	0								

Averages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature										Precipitation																
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days						
																		Total	Departure From Normal	Greatest Day	Date	Total	Max Depth on Ground	Date	18 or More ^o	50 or More	100 or More
										90° or Above	32° or Below	32° or Below	0° or Below														
EASTERN DIVISION																											
AMENIA	83.5	58.5	71.0	1.1	98	13+	43	2	16	4	0	0	0	2.31	- 0.38	0.93	2	0.0	0		5	2	0				
ARVILLA STATE PARK	83.8				95	26				6	0	0	0	2.15		0.74	6	0.0	0		6	1	0				
CARRINGTON	81.8M	55.3M	68.6M	- 0.8			44	1+						3.17	- 0.56	1.18	29	0.0	0		5	2	1				
CAVALIER	82.3	57.6	70.0	1.0	96	11	44	1	24	3	0	0	0	2.06	- 0.58	0.68	26	0.0	0		4	2	0				
COOPERSTOWN	84.0	57.5	70.8	1.2	99	26	41	1	26	9	0	0	0	1.14	- 1.45	0.64	2	0.0	0		3	1	0				
DEVILS LAKE WB CITY	80.4	58.5	69.5	0.2	93	18	42	1	28	5	0	0	0	0.97	- 1.70	0.18	22	0.0	0		6	0	0				
EDGELEY EXP FARM	83.0	57.5	70.3	0.4	99	27	45	1		7	0	0	0	2.71	- 0.14	1.43	2	0.0	0		5	1	1				
EDMORE 1 W	80.2	56.5	68.4	0.9	91	18	40	1	36	5	0	0	0	2.25	- 0.59	0.70	6	T	0		4	3	0				
ELLENDALE	88.4	59.9	74.2	3.3	102	26	46	1	13	15	0	0	0	2.11	- 0.54	1.04	27	0.0	0		4	2	1				
ENDERLIN	83.3M	56.9	70.1M		99	27	44	2		6	0	0	0	6.43		3.79	2	T	0		5	3	2				
FARGO WB AP	83.6	60.0	71.8	0.5	99	26	43	1	16	5	0	0	0	2.34	- 0.03	0.85	26	0.0	0		5	2	0				
FORMAN	87.6	58.7	73.2	3.1	100	11+	43	2	19	14	0	0	0	1.59	- 1.29	0.82	27	0.0	0		4	2	0				
FULLERTON	86.8	59.0	72.9	2.7	105	26	47	1	13	13	0	0	0	2.03	- 0.85	0.66	27	0.0	0		4	3	0				
GACKLE	84.0	59.3	71.7	1.7	98	26	44	1	23	7	0	0	0	7.23	4.55	4.65	2	0.0	0		4	3	2				
GRAFTON STATE SCHOOL	83.5	56.0	69.8	1.0	95	11	41	1	26	7	0	0	0	1.53	- 1.23	1.12	6	0.0	0		2	1	1				
GRAND FORKS CAA AP	83.3	57.1	70.2	1.7	97	11+	39	1	21	6	0	0	0	3.02	0.24	2.10	6	0.0	0		5	1	1				
GRAND FORKS UNIVERSITY	82.6	57.6	70.1	1.6	95	11	39	1	22	6	0	0	0	2.94	0.16	1.77	6	0.0	0		6	1	1				
GRAND RAPIDS 1 N	86.8	58.4	72.6		101	26	42	23	15	10	0	0	0	2.35		1.10	2	0.0	0		3	2	1				
HANKINSON R R STATION	83.4M	60.0M	71.7M	0.3	100	12	47	1		6	0	0	0	1.81	- 1.06	0.73	27	0.0	0		5	1	0				
HANNAH	78.6M	54.8M	66.7M	0.5	88	11+	39	1	50	0	0	0	0	2.51	- 0.08	0.66	26	0.0	0		5	2	0				
HILLSBORO	83.8	58.2	71.0	0.3	97	13+	40	1	21	6	0	0	0	1.61	- 1.03	0.93	2	0.0	0		4	1	0				
JAMESTOWN CAA AP	81.9	56.9	69.4	- 0.2	96	26	45	1	27	5	0	0	0	2.57	- 0.13	1.02	2	0.0	0		5	2	1				
JAMESTOWN STATE HOSP	83.7	58.2	71.0	1.4	98	26	45	1	26	7	0	0	0	2.98	0.28	0.99	2	0.0	0		5	3	0				
KENSAL WILDLIFE REFUGE	84.4	55.5	70.0		98	26	43	1	24	7	0	0	0	1.42		0.86	2	T	0		4	1	0				
LANGDON EXP FARM	79.7	54.8	67.3	1.0	90	11+	40	1	43	2	0	0	0	1.75	- 0.75	0.60	6	0.0	0		5	2	0				
LARIMORE	83.1	57.5	70.3	2.2	95	11	36	1	27	6	0	0	0	2.31	- 0.63	0.60	6	0.0	0		8	1	0				
LISBON	85.7	59.6	72.7	2.3	97	26+	46	1	13	9	0	0	0	2.53	- 0.37	1.12	2	0.0	0		4	2	1				
MAYVILLE	82.8	57.3	70.1	- 0.1	96	26	39	1	21	6	0	0	0	0.80	- 1.91	0.25	2	0.0	0		3	0	0				
MC HENRY 5 N	81.2	56.7	69.0	0.9	93	18+	42	1	31	4	0	0	0	1.73	- 1.07	0.65	26	0.0	0		5	1	1				

See reference notes following Station Index.

CLIMATOLOGICAL DATA

NORTH DAKOTA
JULY 1954

TABLE 2 - CONTINUED

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	# of More	50 or More	100 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
MC LEED 3 E	85.2	58.8	72.0	0.6	98	11	43	1	15	8	0	0	0	3.78	0.93	2.17	2	0.0	0		5	2	1
MUNICH 4 SW	78.8	56.4	67.6		90	11	38	1	39	1	0	0	0	2.95		1.07	26	0.0	0		5	3	1
OAKES	83.3	60.2	71.8	0.1	98	27	47	1	9	0	0	0	0	2.29	- 0.56	1.06	27	0.0	0		4	1	1
PARK RIVER	82.5	57.8	70.2	1.7	94	11	40	1	25	6	0	0	0	2.85	- 0.24	2.00	6	0.0	0		4	1	1
PENBINA 2 N	84.5	55.5	70.0	2.2	97	11	43	1	22	8	0	0	0	1.43	- 0.98	0.55	22	0.0	0		5	1	0
PETERSBURG	82.6	56.1	69.4		94	11	36	1	32	9	0	0	0	1.12	- 1.84	0.29	31	0.0	0		5	0	0
SHARON	82.4	55.1	68.8	- 2.0	95	11	39	1	32	9	0	0	0	1.21	- 1.48	0.36	2	T	0		4	0	0
VALLEY CITY	84.1	59.7	71.9	1.8	98	26	45	1	18	8	0	0	0	3.72	1.00	1.08	9	0.0	0		4	3	3
WAMPETON STATE SCHOOL	86.8	60.8	73.8	2.9	100	13	44	1	11	11	0	0	0	3.06	0.11	1.19	27	T	0		5	3	1
DIVISION			70.5	1.1										2.44	- 0.37			T					
MIDDLE DIVISION																							
ASHLEY	85.5	57.9	71.7	2.0	101	9	43	23	19	9	0	0	0	2.23	- 0.43	1.03	30	0.0	0		4	2	1
BELCOURT INDIAN RES	77.9	53.5	65.7		89	18	36	1	68	0	0	0	0	1.30		0.40	7	0.0	0		4	0	0
BISBEE	79.6M	56.7	68.2M	0.8	90	18	39	1	36	1	0	0	0	3.36	0.66	1.43	7	0.0	0		5	3	1
BISMARCK WB AP	85.4	59.5	72.5	0.4	98	18	48	1	23	12	0	0	0	3.95	- 1.62	1.60	1	T	28		5	4	1
BOTTINEAU	78.1	55.8	67.0	- 0.6	92	19	42	1	1	0	0	0	0	0.81	- 1.58	0.45	22	0.0	0		2	0	0
BUTTE	80.3M	57.1M	68.7M	- 1.3	97	19	42	1	1	0	0	0	0	1.51	- 1.22	0.37	2	0.0	0		4	0	0
CARSON ND 2	87.5	59.0M	73.3M	2.5	105	9	47	1	26	15	0	0	0	2.63	0.64	1.31	30	0.0	0		6	2	1
CENTER	84.5	54.9	69.7	- 1.3	100	18	41	1	36	7	0	0	0	2.62	0.20	0.90	30	0.0	0		5	2	0
DRAKE	80.3	57.9	69.1	2.5	94	19	44	1	2	0	0	0	0	2.66	0.36	0.78	25	0.0	0		6	2	0
ECKMAN	79.9M	55.6M	67.8M	- 0.2	93	19			1	0	0	0	0	0.63	- 1.73	0.35	3	0.0	0		2	0	0
FESSENDEN	82.0	57.2	69.6	0.2	92	18	44	1	29	2	0	0	0	2.57	0.00	0.62	7	T	0		8	1	0
FORT YATES	88.9	59.0	74.0	1.3	107	9	45	31	14	14	0	0	0	1.96	- 0.12	0.90	30	0.0	0		4	1	0
FOXHOLM 7 N	83.2M	55.2M	69.2M	- 0.5	95	18	43	2	42	7	0	0	0	0.57	- 1.36	0.36	22	0.0	0		2	0	0
GARRISON	83.4	57.0	70.2	1.0	100	19	41	1		10	0	0	0	0.61	- 1.88	0.21	31	0.0	0		3	0	0
GRANVILLE	81.4	56.9	69.2	0.5	95	18	45	1	34	3	0	0	0	0.95	- 1.32	0.26	25	T	0		5	0	0
HANSBRO	79.7M	55.9M	67.8M	1.5	89	13	38	1	33	0	0	0	0	1.40	- 1.14	0.46	6	0.0	0		7	0	0
LEEDS	81.0	58.8	69.9		96	18	41	1	30	2	0	0	0	1.59		0.40	22	T	0		6	0	0
LINTON	88.5	59.7	74.1	1.4	105	9	42	23	14	16	0	0	0	3.68	- 1.55	1.49	30	0.0	0		6	3	1
MADDOCK AGR SCHDDL	81.5	56.2	68.9	0.0	93	18	43	1	28	2	0	0	0	1.63	- 1.06	0.38	30	0.0	0		6	0	0
MANDAN EXP STATION	83.1	59.5	71.3	- 0.6	97	19	47	1	6	0	0	0	0	4.02	1.71	1.87	2	T	0		5	3	1
MANDAN FT LINCOLN PARK	86.9	56.3	71.6		100	18	43	1	23	11	0	0	0	3.95		1.83	2	0.0	0		6	3	1
MAX	80.9	57.5	69.2	- 2.2	97	19	42	1	2	0	0	0	0	1.06	- 1.48	0.38	31	0.0	0		5	0	0
MC CLUSKY	83.1	58.2M	70.7M	0.3	92	25	42	1	30	5	0	0	0	0.96	- 1.53	0.28	22	0.0	0		3	0	0
MINDT CAA AP	80.4	57.1	68.8	0.0	98	18	43	1	40	2	0	0	0	0.85	- 1.20	0.52	6	T	0		2	1	0
MINDT EXP STATION	80.2	55.9M	68.1M		95	19	41	1		2	0	0	0	0.46		0.15	31	0.0	0		2	0	0
MOFFIT 4 SE	84.0	58.9	71.5		94	18	44	23	21	7	0	0	0	3.78		2.03	2	0.0	0		5	2	1
MOHALL	80.2	55.0	67.6	0.1	91	18	44	1	47	2	0	0	0	0.82	- 1.63	0.50	2	0.0	0		3	1	0
NAPOLÉON	85.0	59.7	72.2	2.8	98	26	45	1	19	9	0	0	0	4.85	2.34	1.80	2	T	0		4	5	2
NEW SALEM 1 S	85.4M	58.7	72.1M	1.3	101	18	50	1	11	0	0	0	0	1.86	- 0.31	0.76	30	0.0	0		4	2	0
PETTIBONE	82.3	58.1M	70.2M	0.7	96	18	42	2	31	6	0	0	0	2.78	0.04	1.36	2	0.0	0		4	2	1
RIVERDALE	81.2	58.3	69.8		98	19	42	1		6	0	0	0	1.00		0.35	31	0.0	0		3	0	0
ROLLA	77.9	57.1M	67.5M	0.8	90	11	38	1	51	1	0	0	0	1.59	- 1.09	0.34	6	T	0		7	0	0
RUGBY	82.2	58.9	70.6		95	18	44	1	31	4	0	0	0	1.39	- 1.29	0.66	7	0.0	0		4	1	0
SAN HAVEN	78.9	57.2	68.1	1.1	90	18	40	1	41	1	0	0	0	1.23	- 1.44	0.47	6	0.0	0		4	0	0
STEELE	84.0	58.7	71.4	1.2	95	18	44	1	29	7	0	0	0	3.13	0.31	0.92	2	0.0	0		7	4	0
TOWNER	81.7	56.2M	69.0M	- 0.1	95	18			25	3	0	0	0	1.31	- 1.10	0.47	9	0.0	0		5	0	0
TURTLE LAKE	84.7	58.0M	71.4M	- 1.9	99	18	44	1	26	8	0	0	0	1.03	- 1.52	0.42	30	0.0	0		3	0	0
UNDERWOOD	82.6	57.0	69.8	- 2.1	99	19	42	1	8	0	0	0	0	0.76	- 1.64	0.25	22	0.0	0		3	0	0
UPHAM 3 N	81.8	56.9	69.4		95	18	44	31	36	4	0	0	0	0.44		0.15	22	0.0	0		1	0	0
VELVA	81.6	57.8	69.7	- 0.3	95	18	44	1	31	2	0	0	0	1.18	- 1.14	0.36	7	0.0	0		5	0	0
WASHBURN	85.6	58.2	71.9	0.7	99	18	44	1	23	11	0	0	0	1.31	- 1.31	0.52	30	T	0		4	1	0
WESTHOP	80.1	54.7	67.4	- 0.5	92	18	43	1	48	3	0	0	0	1.48	- 0.84	0.73	7	0.0	0		4	1	0
WILLDW CITY	80.2	58.8	69.5	2.9	95	18	46	1	34	2	0	0	0	0.88	- 1.41	0.30	9	0.0	0		4	0	0
WILTON	82.8	56.7	69.8	- 0.6	95	18	42	1	33	3	0	0	0	3.03	0.72	1.27	30	0.0	0		4	3	1
WISHEK	85.9M	55.9M	70.9M	0.5	98	10	44	23	22		0	0	0	4.15	1.55	1.27	2	0.0	0		5	4	2
DIVISION			69.9	0.3										1.91	- 0.58			T					
WESTERN DIVISION																							
ALMONT 7 SW	86.7	59.4	73.1		102	18	45	1	26	12	0	0	0	2.53		0.96	30	T	0		5	3	0
AMIDON	87.5	56.9M	72.2M	1.8	101	10	44	1	18	0	0	0	0	2.37	- 0.23	1.09	30	0.0	0		4	2	1
BEACH	85.3	57.1	71.2	1.3	98	10	45	1	11	0	0												

DAILY PRECIPITATION

NORTH DAKOTA
JULY 1954

Table 3

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ADAMS T S	3.05					1.20	.03		.10				.02	T			.05						.47			.04	1.02				.12			
ALEXANDER	2.30		.14	.09		.04								.03		.03			.50	.34								.63			.50			
ALMONT 7 SW	2.53		.52			.10												.03					.54					.08	.30	T		.96		
AMROSE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
AMENIA	2.31		.93						.03														.50					.42	.16		.23	.04		
AMTOWN	2.37		.21													.05		.16		T	.08	.03	.63					.02	.07	1.09	.03			
ARVILLA STATE PARK	2.15		.21			.74	.02		.09							.23							.11			.06	.21				.02	.46		
ASHLEY	2.23		.15													T							.29					.70		.05	1.03	.01		
BALTA	1.95	T	.03	.04								.04			.08								.23		.05	.12			.23		.05	.53		
BANTRY	.56					.08								.17									.27											
BEACH	1.77		.66	T					.02							T	.23	.01					.78					.01	.04	.02				
BELOFT INDIAN RES	1.30		.05	.02		.33	.40	.01		.02													.26				.03	.01			.17			
BELOFT	.92	.08	.12	T																			.02					.12	T	.04	.34			
BERTHOLO	.80	T	.20	.03										T		.02							.08				.06	.14		.01	.26			
BEULAH	.87		.01	.01					.10								.01						.15							T	.13	.46		
RISKEE	3.36					.54	1.43	T	.05																			.64	.06		.26			
RISMARK W8 AP	3.95	1.60	.20	T												T	.02	T	T				.50				.05	.06		.73	.26			
RISMARK 12 ENE	2.57	.01	.98	.01						.25						T												.03	.03	.02	T	.93		
ROTTINEAU	.81	.01	T	.07		.06				.02							.04								.02	T							.12	
ROWRELLS	1.13	T	.06	.55	.02					.15				.08			.03																.13	
ROWMAN COURT HOUSE	1.75		.10													.03		.13		.15	.02		1.12				.06	.10			.04			
ROWMAN 11 SE	2.03	T	.05													T	.04	T	.27	.12		.15	.02	.14			.05	.06			.09			
ROWMAN 30 NNW	2.01		.10																													1.09		
RURT 16 N	2.08		.25																				.73							T		.93		
RUTTE	1.51		.37	.09				.06	.06								.02	.10			.07		.06				.23			T	.26	.36		
CARRINGTON	3.17	T	.94		.03	.06	.22																							1.18	.01	.44		
CARSON NO 2	2.63	.40		.02																										.03	.14	1.31		
CAVALIER	2.06	T		T		.66	T	T	T																									
CENTER	2.62		.46				.48			.02							.03	.16		T												.05	.90	
COLGATE	1.44		.93	T			.12																							.18	.02	.03	.09	
COLUMBUS	1.63		.70			.10																												
COOPERSTOWN	1.14		.64				.11	.08		.20	.22	.02					.12		.06													.10		
COURTENAY	2.89		.80				.25	.80																									.03	
CROSSBY	1.83		.74	.01		.04				.33	.26	.02				.07	T	.09	T											.20	.33	.05	1.13	
CROSBY	2.52		.25																														.10	
DEVILS LAKE W8 CITY	.97	T	.02	.01		.16		T	.13	.13							.09	T												.15		.10		
DICKINSON CAA AP	.91	T	.02																										.05	T	.12	.28		
DICKINSON EXP STATION	.59		.03	.01																														
DOONBYBROOK	.44	.04	.16	.24																														
ORAKE	2.66		.24	.07			.28			.70																							.25	
OWEN CENTER	1.30	.03	.13	.03			.29	.01									.10		.05													.05	.54	
ECKMAN	.63		.05	.35			.13																											
EDGELEY EXP FARM	2.71		1.43	.02	T		.03																											
EDMORE 1 W	2.25		.25			.70	.08		.06							.06	T	T	T													.33	.25	
ELGIN S S	2.52		1.03	.02																														
ELLEDALE	2.11	.04	.22	.03		.04											.01	T	T	T	T	T								.02	.57	.02		
ENDERLIN	6.43	.04	3.79	.03							.67						.05																	
EPHING	.92		.26																															
FAIRFIELD	1.54		.39	.03					.34																								.35	
FARGO W8 AP	2.34	.02	.77	.01					.02																									
FESSENDEN	2.57	.07	.35	.06			.62	.19									.23	.01															.28	
FLASHER	3.05		.43																															
FLAXMIN	1.71		.80	.02		.01	.13	T		.14	.16	.15				.07																		
FORBES 13 NW	2.78		.44																															
FORMAN	1.59		.10	T																														
FORT YATES	1.96		.47	.08																														
FOXHOLM 7 N	.57	T	.12	.09																														
FULLERTON	2.03		.58	T																														
GACKLE	7.23		4.65																															
GARRISON	.61	T	.18	.03																														

DAILY PRECIPITATION

Table 3--Continued

NORTH DAKOTA
JULY 1954

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW SALEM 1 S	1.86																T	T	.47				.50				.13				.76		
NEWTOWN	1.08		.05	.12			T			.04						.05			T				.25				.04				.30		
NOONAN	1.22		.59				.08				.04	.15				.10							.08			.05	T		.23		.09		
NORTONVILLE	4.29		2.35					.13															.20						.65	.96			
OAKES	2.29		.41	T	T			.02						T					.02	T			.07	.06			1.06			.01	.30	.34	
PARK RIVER	2.85		.02				2.00	.01	.01	T	T	T					.04				.01		.31				.28			.03	T	.14	
PARKSHALL	1.15		.01	.05			.03		.06				.02	.20		.12						.15						.34		.02	.17		
PEMBINA 2 N	1.43	.02		.06			.18												*	.40			.55							.08	.09		
PETERSBURG	1.12		.04				.08	.14	.08							.11							.16			.04	.03			.15	.29		
PETTERONE	2.78			.04				.75	.03							T							.27					.06		.02	.22	.03	
PINGREE	3.75		1.15					.11	1.60														.11					.21		T	.57		
PORTAL	1.64		T	.61			.03				.37	.15		.07			.01						.10				.04	T		.18	.08	T	
POWERS LAKE 1 N	1.31		.49					.20					.03	.07		.08						.18						.05			.28		
PRETTY ROCK	2.81	.51	.03					.06								T			.11	.07	T	T	.50			.11	.15			T	1.27		
RAUB 10 SSW	.73						.01		.19							.01															.28		
REEDER	2.15		.10																				1.25				.08	.15			.15		
REEDER 14 N	1.42		.09													T		.30		.12		.83						.04	.09	.03			
RICHARDTON ABBEY	.91	T		T				.03	T	T	T					.04	T	.13			.17		.18			T			.06	T	.56	T	
RIVEROALE	1.00	T	.05	.06				.07						T	T	T	.05	.04					.17	T	T				T	.20	.05	.35	
ROLLA	1.59	.03	.03	.30			.34	.12	T				.01	T	T	T				.10			.14					.12		.06	.29	T	
RUGBY	1.39	.71		.03				.66	.22				.01	.01									.22					.10		.06	.07		
RYDER	1.70		T	.08			.76		.27				.01	.04		T							.18								.27		
SAN HAVEN	1.23	T	.01	.03			.47	.10					.05			.06						.25									.26		
SCRANTON	3.50		.10													T		.45		.15	T	.02	.01	.32	T			.33	.14	T	.26		
SELFRIEGE 11 W	1.94		.25								.02					T			.09			.02		.83			.02	.33	.42		.02	.27	
SENTINEL BUTTE 20 S	1.26	T	.12														.05						.22								.87		
SHARON	1.21		.36					.12	.08								.22						.04			.06	.20		.01	.06	.06		
SHERWOOD 3 N	1.16		.58	.02				.15		.43	.05	.02				.05							.22			.02				T	.05		
SHIELDS	3.90		.65																				.38			.04	.85				1.49		
STANLEY	.74		.34							T						T							.22								.18		
STEELE	3.13	.13	.92	.05			.52	T		T													.17	T				.19	T	.50	.65	T	
SYKESTON	2.46		.71				.12		.22							T	T						.21					.10		.10	.67	.43	
TAGUS	.80	T	.14	.02			.02									.01												.10	.10	.24	.17		
TIOGA	1.00		.35													.10							.30								.25		
TOLLEY 5 NNE	1.45	.49	.57	.04		T					T											.15								T	.20		
TOWNER	1.31							.47								T							.10			.05	.30		.28		.11		
TROTTERS 6 WNW	4.09	T	.08					.13								T	T						3.33					.20			.35		
TURTLE LAKE	1.03	T	.10	.09												T		.08					.33				.01				.47		
TUTTLE	2.16		1.10					.41			.03							.05					.20							T	.01	.30	.02
UNDERWOOD	.76		.03	.09						.10	T							T	.01		.04		.25						.02	.06	.20		
UPHAM 3 N	.44		.02			.02	.07		.07							.06							.15				.02			T	.03		
VALLEY CITY	3.72	T	1.04	T					1.08														.05						1.00		.52	.03	T
VELVA	1.18		.02	.02			.36	.26		T	T			T		.12							.08			.12				.04	.16		
VERONA	1.88		.95				.06																.15							.42	.30		
WAMPETON STATE SCHOOL	3.06	.04	.58	.06			.38	T								T							.22					1.19		.08	.51	T	
WALHALLA	3.24					.66															.57		.57					1.17		T	.25	.02	
WARWICK	2.07		.27			.17																				.99					.41		
WASHBURN	1.31	T	.17	.05			.02									T	.07		T				.36			.10			.02	T	.52		
WATAUGA 5 DAK 8 N	3.08																						.93					1.33			.60		
WATFORD CITY	1.52		.12	.12						.10	.22									.20			.42							.38	.18		
WATFORD CITY 14 S	1.99	T	.05	T		T				.17							T						.29									.38	
WESTHOPE	1.48		.26				.11	.73					.04	.04			.06						.20								.04		
WILBROSE	1.67		.96											.08			.18						.19								.26		
WILLISTON WB CITY	1.86	T	.19	.02				T	T							T				.43			.06			.75				.01	.24		
WILLOW CITY	.88		.02				T	.20	T	.30							.01						.16					.14	.01	T		.04	
WILTON	3.03		.65	.03					T	T							.13						.95							T		1.27	
WISHEK	4.15		1.27	.04																			.73					1.15		.11	.85		
WOODWORTH 5 E	2.75		1.00				.60	.30									T	T					.45					.10				.30	
ZAHL	1.69		.67										.12				T					.05	.65					T	T		.20		

EVAPORATION AND WIND

Table 6

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
DEVILS LAKE W6 CITY	EVAP	.09	.08	.05	.17	.26	.21	.17	.25	.20	.12	.22	.17	.21	.23	.16	.07	.21	.24	.27	.22	.34	.22	.22	.32	.23	.23	.21	.23	.23	.12	.18	6.13
	WIND	.34	.44	.18	.14	.28	.33	.25	.22	.63	.51	.45	.27	.35	.44	.15	.37	.33	.34	.44	.19	.44	.66	.32	.36	.30	.27	.30	.29	.58	.17	.35	1069
DICKINSON EXP STATION (A)	EVAP	.22	.17	.02	.10	-	-	.36	.26	.37	.21	.27	-	.23	.31	.26	.31	.21	.31	.32	.19	.41	.26	.34	.36	.24	.27	.28	.08	.34	.30	.09	7.858
	WIND	.110	.170	.70	.80	.120	.135	.115	.100	.220	.90	.120	.80	.105	.115	.90	.170	.80	.130	.90	.85	.175	.240	.105	.115	.105	.85	.140	.40	.110	.100	.20	35
EOGELEY EXP FARM	EVAP	.21	.41	.04	.*	.23	.27	.23	.21	.29	.32	.16	.30	.15	.32	.27	.13	.19	.15	.26	.25	.23	.35	.11	.27	.28	.40	.37	.22	.24	.25	.03	7.16
	WIND	.57	.92	.50	.27	.13	.62	.45	.16	.57	.100	.35	.57	.38	.59	.35	.48	.45	.26	.44	.35	.20	.81	.26	.41	.37	.44	.66	.35	.27	.28	.05	1371
MANDAN EXP STATION (A)	EVAP	.22	-	.01	.08	.13	.24	.20	.20	.23	.23	.13	.25	.19	.30	.19	.19	.16	.14	.22	.07	.19	.31	.27	.29	.27	.23	.20	.18	.38	.26	.08	6.248
	WIND	.125	.158	.56	.41	.66	.124	.89	.68	.201	.109	.76	.76	.70	.127	.28	.112	.34	.50	.77	.13	.53	.174	.90	.66	.94	.96	.108	.16	.94	.67	.47	2605
RIVERDALE	EVAP	.11	.14	.09	.15	.31	.23	.32	.28	.35	.28	.19	.35	.31	.22	.33	.18	.20	.30	.24	.21	.30	.42	.36	.40	.42	.28	.28	.37	.36	.22	8.46	
	WIND	.84	.133	.56	.54	.66	.122	.50	.81	.185	.123	.89	.59	.106	.106	.65	.146	.49	.95	.103	.37	.104	.204	.114	.118	.109	.95	.116	.65	.103	.86	.54	2977

DAILY TEMPERATURES

NORTH DAKOTA
JULY 1954

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX MIN	60 45	60 47	71 56	83 58	89 59	89 71	84 59	89 61	97 63	94 69	93 69	92 61	89 69	88 51	87 61	91 68	86 57	102 62	82 55	88 65	90 61	81 57	89 50	93 60	97 60	97 59	93 65	95 62	82 58	72 54	84 50	86.7 59.4
AMENIA	MAX MIN	70 53	68 43	74 55	82 52	83 58	84 65	83 61	80 54	82 57	88 67	96 71	86 62	98 67	84 57	78 56	82 64	82 62	89 54	90 66	88 57	73 61	88 49	89 52	98 56	98 64	86 66	85 57	80 62	68 54	80 52	83.5 58.5	
AMIOON	MAX MIN	67 44	55 45	59 47	80 55	86 53	96 67	92 56	87 59	96 61	101 65	95 68	90 60	93 69	95 56	96 61	101 53	90 61	89 58	100 62	77 57	84 62	93 55	75 51	88 58	92 55	93 57	96 65	92 59	93 54	82 47	78 52	87.5 56.9
ARVILLA STATE PARK	MAX MIN	60 51	64 49	75 55	82 56	87 49	83 62	83 55	81 49	78 62	88 55	94 62	87 64	90 56	81 52	79 62	89 58	81 57	89 60	87 57	88 60	86 57	84 58	89 56	91 64	89 58	95 66	92 66	90 66	80 54	76 45	79 45	83.8
ASHLEY	MAX MIN	68 46	63 50	74 57	85 55	88 62	86 69	84 57	86 58	101 65	93 68	92 62	90 53	94 65	82 50	85 53	94 63	84 56	95 63	89 64	87 58	77 59	87 43	88 56	93 58	100 62	83 62	89 58	81 55	68 53	77 53	85.5 57.9	
BEACH	MAX MIN	64 45	59 47	60 47	82 50	85 57	94 65	92 59	85 62	96 65	98 60	93 62	87 62	97 65	82 48	85 57	93 63	91 62	89 64	97 59	79 61	87 67	95 55	75 47	88 50	87 56	82 57	94 66	88 60	88 54	77 45	75 45	85.3 57.1
BELCOURT INDIAN RES	MAX MIN	52 36	57 43	69 50	75 45	79 62	81 69	75 56	74 52	77 56	84 61	87 56	78 52	80 56	77 52	74 50	83 61	79 58	85 60	83 57	80 58	75 55	82 42	86 52	82 58	83 58	88 65	75 45	70 45	76 45	77.9 53.5		
BELFIELD	MAX MIN	56 42	60 45	79 52	84 56	92 49	92 59	87 55	94 62	97 64	94 57	88 62	92 55	87 64	86 45	85 65	89 63	89 66	97 66	88 64	89 53	91 53	78 53	88 39	86 53	94 56	91 55	94 66	88 56	80 55	73 52	81 47	86.2 55.8
BEULAH	MAX MIN	72 44	69 46	79 50	82 52	85 55	96 66	93 56	85 56	90 64	97 66	94 66	93 56	93 61	87 46	88 59	85 63	91 54	91 60	102 63	87 52	92 68	93 60	81 42	93 52	96 62	96 59	95 68	94 59	97 57	83 48	68 45	88.7 56.9
BISBEE	MAX MIN	55 39	60 49	72 54	82 53	78 62	82 69	78 59	80 60	79 56	79 64	82 56	82 61	84 62	57 57	78 61	84 58	81 56	90 58	84 60	85 58	83 60	75 58	84 53	84 55	87 63	84 64	85 65	88 73	73 52	78 49	79.6 56.7	
BISMARCK WB AP	MAX MIN	62 48	63 49	73 57	84 59	90 68	88 59	83 55	86 61	97 66	86 69	90 57	90 67	90 57	84 62	83 61	88 58	85 62	86 58	89 64	90 56	91 64	97 56	84 58	93 66	97 62	94 68	88 66	91 60	64 51	83 45	85.4 59.5	
BOTTINEAU	MAX MIN	55 42	54 44	56 50	67 53	79 62	80 64	86 58	78 59	76 66	86 66	86 55	83 62	79 62	80 56	79 56	73 62	81 50	79 56	92 56	84 62	85 62	82 56	73 46	83 54	81 58	86 64	87 69	86 62	89 54	72 47	72 45	78.1 55.8
BOWBELLS	MAX MIN	56 41	53 45	54 46	75 49	76 56	73 64	87 57	80 60	77 60	80 55	84 55	82 55	82 64	76 49	79 57	69 58	80 50	82 60	91 52	87 57	91 64	86 54	76 46	86 50	88 54	87 58	79 58	88 57	87 48	71 46	65 45	78.6 54.1
BOWMAN COURT HOUSE	MAX MIN	68 45	65 46	80 51	88 59	97 65	95 62	90 57	97 60	102 60	98 67	95 64	93 61	94 58	87 62	90 60	100 61	94 57	87 61	94 62	88 52	91 53	94 52	93 53	94 56	90 60	92 66	87 56	80 54	85 45	89.8 57.1		
BUTTE	MAX MIN	55 42	56 45	60 50	82 57	82 56	85 62	79 59	80 62	85 65	85 57	80 62	80 55	85 66	80 57	80 58	70 62	85 56	80 61	80 58	70 62	97 53	83 60	88 64	86 58	76 52	90 56	90 66	87 65	92 54	73 52	70 45	80.3 57.1
CARRINGTON	MAX MIN	58 44	63 44	69 47	75 50	83 53	82 56	85 58	82 55	80 59	88 59	91 59	91 61	92 64	87 54	81 54	73 62	80 60	81 57	80 58	94 54	85 58	83 57	76 51	80 55	85 55	90 64	95 66	89 59	90 54	74 49	68 45	81.8 55.3
CARSON MO 2	MAX MIN	59 47	62 47	70 56	83 56	92 62	82 72	89 63	89 58	105 63	92 73	94 65	92 56	93 68	85 51	86 56	93 62	92 63	102 61	86 59	88 60	90 53	77 52	89 56	95 60	97 62	94 66	96 62	82 58	79 54	81 45	87.5 59.0	
CAVALIER	MAX MIN	56 44	64 47	75 55	84 51	83 64	79 66	78 55	79 66	86 55	86 61	96 55	87 61	85 61	81 59	81 56	84 63	84 61	88 55	84 58	85 57	92 59	87 52	92 54	87 58	86 63	88 64	91 58	78 54	77 45	80 45	82.3 57.6	
CENTER	MAX MIN	60 41	61 43	73 56	83 53	87 62	89 66	82 56	87 60	92 60	85 65	89 57	88 54	84 60	85 55	82 55	85 59	100 53	87 56	89 59	77 54	77 59	89 45	88 57	90 56	95 67	95 67	92 67	80 54	65 45	80 45	84.5 54.9	
COOPERSTOWN	MAX MIN	61 41	61 49	72 55	82 54	84 55	83 66	80 59	78 52	82 59	86 64	94 71	88 57	94 64	82 59	80 54	82 57	83 56	95 59	90 53	85 56	85 59	83 45	88 57	92 56	98 67	94 69	91 62	82 58	76 51	80 50	84.0 57.5	
CROSBY	MAX MIN	60 37	54 45	74 50	75 53	87 54	89 63	86 57	83 58	85 60	84 56	82 56	85 56	84 52	80 57	78 52	85 59	90 52	92 56	89 58	90 54	92 58	81 54	87 55	85 54	83 55	90 66	95 55	85 49	73 45	65 45	81.5 54.3	
DEVILS LAKE WB CITY	MAX MIN	57 42	63 49	71 57	79 56	85 55	80 66	76 61	79 55	77 66	81 64	89 65	85 61	81 60	77 57	74 61	82 63	78 59	93 61	86 60	84 61	76 52	85 58	90 59	90 58	87 66	87 66	91 62	72 56	72 53	78 45	80.4 58.5	
DICKINSON CAA AP	MAX MIN	58 46	60 46	78 54	86 51	93 57	93 64	85 57	94 61	96 63	93 66	92 61	89 61	86 56	85 62	89 63	90 64	87 61	100 63	80 57	87 65	91 62	77 50	89 58	91 66	93 66	95 66	91 60	83 55	70 49	83 49	86.3 57.3	
DICKINSON EXP STATION	MAX MIN	66 45	59 46	61 48	78 55	87 62	95 67	95 60	86 55	95 64	98 67	95 68	90 56	93 67	88 64	86 63	90 62	90 63	88 63	102 56	83 64	88 63	77 55	92 58	93 66	93 67	96 57	91 58	95 54	80 47	69 47	66.8 56.7	
DRAKE	MAX MIN	58 44	56 45	61 50	76 53	81 62	85 67	85 59	78 61	79 62	83 65	83 60	85 60	85 65	80 54	80 56	69 63	83 55	83 59	94 57	83 61	87 59	84 52	76 57	85 61	94 58	87 65	89 64	86 52	89 55	72 45	80.3 57.9	
DUNN CENTER	MAX MIN	65 39	58 41	70 47	73 49	80 50	91 54	95 59	85 60	90 62	93 65	95 62	90 55	91 59	85 45	85 50	82 56	90 53	89 58	98 50	84 51	90 60	92 55	77 45	92 54	93 61	95 61	93 55	80 48	66 43	85 44	85.5 53.0	
ECKMAN	MAX MIN	54 45	65 50	70 55	76 54	82 55	86 64	86 58	80 62	77 66	80 63	86 55	84 55	81 60	80 51	80 57	73 60	81 60	86 53	93 60	85 59	88 61	75 59	80 54	85 58	82 55	87 64	85 66	87 54	72 48</			

DAILY TEMPERATURES

NORTH DAKOTA
JULY 1954

Table 5-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX MIN	58 41	56 45	58 48	75 55	84 56	87 65	90 56	83 59	84 63	90 65	87 66	88 57	87 62	83 50	85 57	72 61	88 54	85 58	100 55	86 59	90 62	88 59	77 49	90 56	91 59	92 63	93 67	92 62	96 51	78 56	71 51	83.4 57.0
GRAFTON STATE SCHOOL	MAX MIN	58 41	66 47	74 55	78 54	83 49	83 62	81 59	78 50	79 55	86 65	95 67	92 57	90 60	82 56	83 52	80 62	81 56	88 55	88 63	88 54	86 61	85 55	87 50	92 57	88 62	92 64	88 59	92 64	90 62	76 54	80 55	83.5 57.1
GRAND FORKS CAA AP	MAX MIN	61 39	67 50	75 55	82 55	86 60	80 64	79 59	80 50	80 59	89 66	97 65	86 58	90 60	81 57	85 56	78 64	80 58	88 55	86 63	89 54	86 61	76 55	88 50	91 57	89 59	97 66	90 63	91 62	78 56	78 51	79 53	83.3 57.2
GRAND FORKS UNIVERSITY	MAX MIN	61 39	67 50	76 56	81 54	84 55	81 66	78 59	78 51	79 60	88 66	95 70	84 59	91 63	82 55	81 55	77 64	81 58	87 54	87 60	87 54	85 60	81 64	87 51	90 52	88 59	94 67	90 61	82 61	76 57	79 53	82.6 57.6	
GRAND RAPIDS 1 N	MAX MIN	64 45	70 50	78 57	84 54	87 60	85 67	86 54	92 62	90 57	95 66	87 70	87 57	95 67	84 51	88 63	93 66	92 61	95 64	89 60	88 57	87 60	83 42	87 53	89 50	93 51	101 62	98 66	88 55	75 56	78 53	86.8 58.4	
GRANVILLE	MAX MIN	55 45	60 49	70 54	81 54	84 67	84 57	87 64	78 58	82 60	84 65	84 69	85 58	81 62	80 54	77 59	82 62	79 54	95 60	85 52	88 59	86 50	78 59	87 49	84 50	88 50	90 62	88 67	93 63	79 52	70 47	81 56.9	
GRENORA	MAX MIN	58 38	54 45	74 50	78 50	90 58	91 65	85 57	89 59	88 64	96 60	91 55	86 64	93 50	78 50	84 60	90 60	88 66	92 62	90 64	92 53	84 58	86 48	85 55				91 60	85 52	79 46	65 50	80 47	83.7 55.3
HANKINSON R R STATION	MAX MIN	68 47	68 49	66 56		81 59	86 64	89 63	84 59	83 61	85 62	90 69	100 62	85 67	97 56	83 58	79 65	86 55	84 57	92 67	90 64	86 62	83 56	74 56	87 56	89 57	97 64	97 63	78 63	84 65	79 59	62 54	80.0 60.0
HANNAH	MAX MIN	53 39	59 45	70 53	73 50	79 48	79 63	78 58	79 63	77 52	81 60	88 58	80 54	86 60	77 59		81 60	83 54	84 56	83 53	82 59	77 58	81 48	81 52	85 60	83 60	82 60	88 63	74 54	73 48	75 49	78.6 54.8	
HANSBORO	MAX MIN	53 38			74 51	78 54	80 62	75 58		76 58	81 64	87 68	80 57	89 59	77 54	76 55	84 62	79 55	88 56	87 59	83 58	82 56	74 50	83 53	80 53	85 54	84 61	84 61	87 60	74 52	75 47	77 46	79.7 55.9
HETTINGER	MAX MIN	67 45	61 47	79 52		94 59	93 60	89 56	94 59	102 62	92 69	91 65	92 65	91 69	84 49	87 59	93 64	88 62	99 65	91 62	85 63	90 61	85 55	87 49	91 56	92 58	92 59	92 62	91 58	83 57	80 47	82 46	87.7 58.3
HILLSBORO	MAX MIN	63 40	66 51	76 54	83 54	83 57	83 65	81 60	78 52	79 54	86 63	96 79	92 60	97 81	82 56	81 56	80 62	85 61	89 64	86 63	84 56	79 59	88 50	90 54	89 57	97 65	94 66	88 60	80 60	75 52	78 50	83.8 58.2	
JAMESTOWN CAA AP	MAX MIN	62 45	62 49	76 58	82 55	82 57	83 67	84 60	80 55	85 59	82 67	91 65	83 56	92 67	82 55	75 51	83 64	80 58	91 55	86 62	86 58	83 58	77 55	86 52	87 52	90 56	96 62	86 59	76 52	67 53	77 53	81.9 56.9	
JAMESTOWN STATE HOSP	MAX MIN	63 45	62 49	74 47	82 55	84 59	83 68	82 62	81 58	88 60	84 67	93 71	84 58	95 64	82 55	81 54	85 64	82 60	97 58	86 60	86 60	86 46	80 60	89 46	91 54	92 57	98 62	90 61	87 59	80 61	71 55	78 53	83.7 58.2
KENMARE	MAX MIN	57 40	51 43	55 47	75 52	75 57	85 66	89 57	80 57	79 61	82 60	87 62	83 56	84 54	79 57	80 50	70 59	80 51	83 59	93 55	88 61	92 65	86 55	76 52	90 50	80 53	89 65	84 60	86 48	71 61	67 48	79.5 55.3	
KENSAL WILDLIFE REFUGE	MAX MIN	66 43	62 48	76 53	85 51	83 54	85 68	82 57	81 60	86 54	82 65	92 71	87 55	91 60	84 52	81 50	85 63	84 50	92 54	88 57	89 55	88 59	84 46	87 50	88 50	92 56	98 64	92 55	98 52	80 49	83 50	84.4 55.5	
LANGOON EXP FARM	MAX MIN	54 40	60 45	72 54	77 50	80 50	80 63	76 57	76 50	77 55	83 62	90 67	85 55	82 62	78 53	78 52	79 62	78 52	87 53	83 55	83 58	79 57	84 49	88 57	87 57	85 60	86 62	90 61	82 53	73 47	75 49	79.7 54.8	
LARIMORE	MAX MIN	59 36	64 50	76 56	81 53	84 52	81 65	79 61	77 51	77 58	87 53	95 70	89 59	92 63	83 58	82 52	79 64	81 58	92 62	87 62	86 57	86 61	83 61	87 48	91 65	87 62	94 66	89 64	91 61	81 59	77 51	78 53	83.1 57.5
LEEOS	MAX MIN	56 41	62 48	70 56	78 54	83 55	83 69	78 61	78 56	79 60	79 65	86 69	85 62	83 56	77 56	76 68	83 64	81 56	96 59	91 59	88 60	87 59	79 52	84 57	88 58	89 65	87 66	89 64	81 56	71 55	77 50	81.0 58.8	
LINTON	MAX MIN	69 49	65 50	79 59	85 61	89 62	90 68	85 60	89 61	105 65	100 71	95 72	91 56	97 64	86 51	88 52	94 66	87 64	98 68	90 61	88 62	90 58	82 61	91 42	92 50	97 54	100 65	98 62	92 60	72 56	80 54	88.5 59.7	
LISBON	MAX MIN	65 46	68 53	75 58	82 54	84 59	84 66	83 63	81 58	86 60	90 70	95 73	91 60	95 66	88 55	82 53	87 66	87 63	95 53	95 64	87 62	85 58	83 63	88 47	89 55	90 56	97 63	97 62	85 62	79 56	78 55	85.7 59.6	
LOSTWOOD 12 N	MAX MIN	53 37	52 44	72 50	73 51	84 57	86 66	84 57	77 58	82 59	83 59	81 65	83 54	81 62	78 50	76 55	78 60	81 51	89 55	85 52	89 55	85 52	81 47	85 54	85 52	86 56	87 52	86 54	71 45	65 46	76 43	78.9 53.7	
MAODOCK AGR SCHOOL	MAX MIN	58 43	63 49	71 56	82 49	83 52	84 66	80 58	78 54	82 59	81 65	88 70	86 58	83 61	80 54	78 53	83 62	82 53	93 56	85 57	86 57	84 56	82 53	86 47	89 54	87 56	89 64	86 60	74 54	75 50	78 50	81.5 56.2	
MANOAN EXP STATION	MAX MIN	62 47	61 48	63 51	72 56	82 59	87 72	86 60	81 60	84 66	93 68	86 69	89 58	87 63	88 55	82 60	83 63	86 57	83 60	97 60	84 61	86 61	87 61	77 47	89 57	91 61	95 61	92 61	88 60	78 57	65 51	83.1 59.5	
MANOAN FT LINCOLN PARK	MAX MIN	63 43	64 45	75 54	86 52	87 56	89 66	86 57	86 63	96 69	93 65	90 65	90 55	89 60	85 56	84 50	88 60	86 56	100 58	87 57	89 58	87 60	85 49	92 53	96 57	94 64	97 60	97 57	84 53	75 48	83 48	86.5 56.5	
MARMARTH	MAX MIN	66 48	63 47	85 54	89 53	98 61	84 65	96 64	99 67	101 67	97 67	92 70	97 64	94 66	82 52		91 61	88 62	90 64	96 64	96 61	77 51	92 53	93 54	94 54	96 55	92 55	92 55	82 63	86 42	86 42	90.0 58.2	
MAX	MAX MIN	55 42	53 44	59 49	74 55	82 58	86 62	87 60	80 58	81 64	87 63	86 68	86 58	85 63	80 54	83 53	70 62	84 55	83 62	89 58	89 62	85 58	90 52	87 49	89 62	85 58	89 62	87 58	92 62	74 54	70 49	80.4 57.2	
MAYVILLE	MAX MIN	63 39	64 560																														

Table 5-Continued

DAILY TEMPERATURES

NORTH DAKOTA
JULY 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX	63	60	78	87	94	94	85	94	99	94	91	91	90	85	87	91	87	101	88	84	90	85	88	90	93	95	90	94	82	74	82	87.3
	MIN	46	46	49	51	56	66	58	57	63	67	65	57	66	48	61	66	61	63	55	63	59	54	43	53	56	56	65	54	56	53	49	56.8
NEW SALEM 1 S	MAX	72	73	72	84	84	90	82	86	94	90	92	89	88	85	84	87	85	101	84	86	87	80	88	96	95	92	89	80	64	82	85.4	
	MIN	50	56	55	55	62	63	58	54	63	66	66	59	62	55	58	58	58	59	59	65	60	58	50	63	57	60	65	63	59	53	52	58.7
NEWTOWN	MAX	57	55	77	85	90	94	91	87	88	90	88	90	87	85	85	88	88	97	89	92	90	86	90	90	91	94	91	90	81	76	83	86.0
	MIN	40	48	52	51	57	63	58	59	64	67	64	55	62	53	63	61	53	63	55	54	62	56	48	53	55	60	64	58	50	54	44	56.4
DAKES	MAX	64	65	65	73	83	86	87	84	81	91	94	96	88	96	81	80	91	83	92	91	85	84	74	86	88	90	98	80	82	78	65	83.3
	MIN	47	52	56	51	60	68	63	57	62	67	72	59	69	56	57	63	64	57	67	64	60	70	47	53	56	65	66	62	63	58	55	60.2
PARK RIVER	MAX	58	66	73	79	83	82	80	78	78	86	94	87	86	81	81	81	81	90	90	85	84	82	86	91	89	90	89	91	83	74	79	82.5
	MIN	40	49	56	56	50	64	62	51	57	64	69	61	60	59	55	63	60	55	64	57	58	60	53	53	62	66	65	65	51	52	54	57.8
PARSHALL	MAX	55	55	76	83	88	91	82	85	87	88	88	88	83	85	83	86	87	98	86	92	89	87	90	88	91	93	91	89	82	75	82	84.6
	MIN	39	47	52	49	55	59	54	59	64	65	66	53	58	46	60	60	64	61	51	56	63	56	46	51	54	58	65	57	58	50	42	55.4
PEMBINA 2 N	MAX	60	68	71	76	86	86	90	89	80	86	97	97	85	83	84	81	81	84	82	87	87	86	86	93	93	87	91	91	90	80	81	84.5
	MIN	43	48	54	53	46	66	61	45	54	54	65	57	62	64	49	62	55	45	52	53	60	63	51	57	60	60	63	62	55	49	51	55.5
PETERSBURG	MAX	60	63	73	81	84	83	80	78	78	88	94	88	88	82	75	88	82	90	87	87	84	81	86	90	88	94	87	90	80	75	78	82.6
	MIN	36	48	55	54	52	64	57	52	57	63	69	55	60	53	52	61	54	55	58	55	60	63	49	57	60	64	62	61	53	51	48	56.1
PETTIBONE	MAX	60	60	75	79	82	82	83	78	86	84	87	83	87	79	77	82	82	96	87	88	84	81	87	90	91	95	90	91	76	72	78	82.3
	MIN	43	42	56	57	58	67	63	56	61	65	70	69	64	55	58	62	55	58	60	58	58	59	48	55	60	62	66	60	54	55	49	58.1
PORTAL	MAX	58	51	53	73	76	84	87	88	79	88	83	79	84	75	78	70	77	81	87	86	92	86	74	85	76	85	76	89	81	71	69	78.3
	MIN	40	43	48	51	56	64	57	57	60	58	59	57	64	52	56	56	53	60	53	60	65	54	47	57	53	56	56	58	47	44	52.9	
POWERS LAKE 1 N	MAX	53	55	72	75	85	89	85	80	83	85	83	84	82	80	75	80	92	90	90	85	78	86	83	87	88	90	85	70	68	79	80.9	
	MIN	35	45	50	47	55	65	65	58	69	68	68	50	60	45	57	62	58	55	58	58	57	52	48	47	58	60	56	56	46	48	42	54.8
RAUB 10 SSW	MAX	58	60	78	87	90	93	85	88	91	92	90	89	84	85	86	88	88	102	92	92	90	91	94	90	94	91	95	87	79	79	84	86.9
	MIN	42	48	53	53	58	68	60	61	65	62	68	61	64	65	66	63	59	65	58	60	65	63	56	60	59	61	63	60	53	56	50	59.1
RICHAERTON ABBEY	MAX	61	59	74	84	91	95	88	90	98	94	91	91	88	86	86	90	86	101	93	87	89	86	90	92	95	95	91	95	86	75	83	87.4
	MIN	44	45	53	54	60	68	59	60	63	67	66	63	68	52	61	66	60	62	62	63	61	56	48	57	59	63	65	58	56	54	49	58.8
RIVERDALE	MAX	58	56	58	74	80	85	86	78	81	87	84	85	83	81	83	71	84	83	98	84	88	86	77	89	92	91	92	90	91	76	67	81.2
	MIN	42	44	50	56	57	68	60	59	63	65	67	59	61	56	61	63	56	60	62	61	62	60	50	60	57	62	62	62	57	53	51	58.3
ROLLA	MAX	52	57	69	73	79	79	73	74	77	82	90	79	80	77	75	82	78	89	82	87	82	77	83	80	84	82	83	88	74	71	76	77.9
	MIN	38	45	52	51	53	62	57	54	58	62	67	60	59	54	60	62	57	59	61	60	60	63	58	55	61	61	68	54	51	49	57.1	
RUGBY	MAX	56	61	68	83	84	84	83	78	80	85	87	84	84	81	79	84	83	95	92	88	86	83	86	88	88	90	88	90	77	73	80	82.2
	MIN	44	48	56	55	57	66	66	59	61	66	71	53	65	53	60	65	56	60	57	62	62	58	58	56	59	66	67	65	53	48	58.9	
SAN HAVEN	MAX	54	56	69	78	80	84	83	76	77	86	87	83	80	78	76	83	79	90	86	83	80	75	82	80	84	83	85	87	77	70	76	78.9
	MIN	40	45	53	53	56	64	57	58	59	64	69	59	63	54	58	60	55	59	59	62	61	56	49	55	58	65	65	63	53	53	49	57.2
SHARON	MAX	61	61	72	82	83	84	79	79	80	85	95	86	91	80	76	77	80	90	88	87	84	87	86	88	87	95	90	86	86	74	76	82.4
	MIN	39	49	55	54	55	65	63	53	56	63	70	58	61	54	54	62	68	50	58	58	50	51	40	51	52	54	56	56	55	51	50	55.1
STANLEY	MAX	55	53	75	80	86	88	81	82	83	87	85	87	79	82	68	82	84	94	90	92	86	75	88	81	90	92	91	89	73	67	79	81.4
	MIN	45	46	50	48	56	65	59	57	62	64	68	53	61	52	58	58	52	59	55	56	62	54	49	54	58	57	59	62	49	48	45	55.5
STEELE	MAX	63	63	73	82	86	86	84	82	92	89	90	87	92	82	79	88	84	95	86	88	84	84	86	88	92	95	91	87	82	75	79	84.0
	MIN	44	47	56	57	58	68	62	56	63	68	70	57	65	55	58	63	57	52	60	65	59	65	48	57	63	68	65	60	55	53	47	58.7
TOWNER	MAX	57	62	67	83	84	88	81	80	83	84	86	85	82	82	78	84	82	95	85	87	86	76	87	86	88	87	90	92	78	68	80	81.7
	MIN	45	46	51	46	51	59	57	56	58	63	57	67	60	52	57	63	59	58	59	64	59	56	45	52	54	62	62	66	49	49	45	56.2
TURTLE LAKE	MAX	58	60	74	84	86	86	83	83	90	90	89	86	83	84	80	85	85	99	96	89	87	85	89	91	90	92	88	92	87	75	81	84.7
	MIN	44	47	56	58	58	67	58	59	63	65	67	59	62	52	61	62	55	60	58	59	61	56	50	53	62	67						

STATION INDEX

NORTH DAKOTA
JULY 1954

Station	Index No.	County	Drainage ¹	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Adams 7 6	0022	Walsh	13 48 20	98 06 -					GP Myron J. Bata	3
Aleander	0096	McKenzie	10 47 50	103 38	2200				GP Arthur J. Baume	3
Alexander 7 SW	0146	Morton	4 46 44	101 39	2300				GP B. C. Baume	2 3 5 7
Anshree	0189	Divide	12 48 58	103 28	2059				GP Bob Loe Agent	2 3 5 7
Anemia	0198	Cass	11 47 00	97 13	2650				SS Virgil L. Gebke	2 3 5 7
Anidon	0209	Slope	1 46 29	103 19	2810				8A Virgilia M. Zuedel	2 3 5 7 C
Antler	0263	Bottineau	12 48 58	101 20	1450				WIO W. B. Weger	2 3 5 C
Arvilla State Park	0369	Grand Forks	10 47 56	97 30	2850				GP Albert Thorne	2 3 5 C
Ashley	0382	McIntosh	8 46 02	98 22	2025				SS Bob Loe Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11 47 02	98 02	1305				WIO Corps of Engineers	
Balfour	0482	McNeely	12 47 57	100 32	1615				WIO Raymond E. Keller	3
Balta	0500	Pierce	11 48 19	100 02	1530				GP Acton Schmitz	3
Bastry	0516	McHenry	12 48 30	100 36	1459				GP Albert Thorne	3
Beach	0580	Golden Valley	7 46 55	104 01	2814				6A Beale Tobias	2 3 5 7 C
Belcourt Indian Res.	0626	Kolette	9 48 50	99 45	1980				7P Turtle Mt. Ind. Agt.	2 3 5 7 C
Belfield	0639	Stark	4 48 53	103 11	2592				7P Carl Indergard	2 3 5 7
Berthold	0729	Ward	12 48 19	101 44	2080				GP Joseph S. Cox	2 3 5 7
Beulah	0766	Mercer	6 47 16	101 47	1780				8A Mont. Dak. Util. Co.	2 3 5 7 C
Bismarck	0796	Towner	2 48 37	98 22	1600				GP Robert J. Krick	2 3 5 7
Bismarck WB Airport	0819	Burleigh	4 46 46	100 45	1650				WIO U.S. Weather Bureau	2 3 5 7 C
Bismarck 12 ENR	0827	Burleigh	8 46 51	103 18	1703				GP KYR Transmitter	2 3 5 7
Bottineau	0840	Bottineau	12 48 40	102 07	1640				8A N.D. Sch. of Frstry	2 3 5 7
Bozella	0861	Burke	12 48 48	102 15	1959				8A Felix L. Adams	2 3 5 7
Bowman Court House	0885	Bowman	3 48 11	103 23	1900				GP O. B. Bock	2 3 5 C
Bowman 11 SE	0898	Bowman	3 48 04	103 18	2810				GP Bernard L. Donagala	2 3 5 C
Bowman 30 NW	1001	Slope	7 46 35	103 31	2505				GP John B. Baese	2 3 5 7
Breton	1052	Morton	1 46 24	100 56	1720				WIO Frank E. Potter	3
Buchanan	1124	Stutsman	5 46 04	98 49	1572				WIO W. B. Kendrickson	3
Buckhorn 16 N	1215	Beckwith	12 47 58	99 09	2344				GP Jacob Gruenwald	2 3 5 7
Buddo	1225	McLean	12 47 50	100 40	1880				8A Earl R. Ward	2 3 5
Carroll	1288	Towner	2 48 29	99 12	1481				WIO Barry E. Harris	2 3 5 C
Carrington	1360	Foster	5 47 27	99 08	1575				7A Soc Line Agent	2 3 5 C
Carson	1365	Grant	4 48 25	101 34	2300				WIO Vincent Muggli	2 3 5 7 C
Cassidy No. 2	1370	Grant	4 48 25	101 34	2300				GP W. D. Drummond	2 3 5 7
Cavaler	1435	Pembina	9 48 48	97 38	889				GP Willie Hansen Pico	2 3 5 7
Ceater	1456	Oliver	8 47 07	101 18	2000				7P Fred L. Belez	2 3 5 7
Colgate	1686	Steele	10 47 14	97 39	1180				GP John P. Burchill	3
Colubus	1696	Burke	12 48 54	102 47	1930				GP J. D. Suedell	2 3 5
Cooperstown	1766	Griggs	11 47 25	98 07	1428				GP Deland K. Harzoe	2 3 5
Courtesy	1816	Stutsman	5 47 13	98 34	1523				GP G. B. Banavalt	2 3 5
Crosby	1871	Divide	12 48 54	103 18	1954				GP Vernon V. Nichols	2 3 5 7 C
Dawson	2018	Kidder	8 46 52	99 45	1730				WIO Ralph W. Wise	2 3 5 7 C
Devils Lake WB City	2181	Stutsman	2 48 07	98 52	1470				WIO U.S. Weather Bureau	2 3 5 7 C
Dickinson CAA AP	2183	Stutsman	4 46 47	102 48	1458				WIO U.S. Civil Aero Adm.	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4 46 53	102 48	1460				7A Dickinson Exp. Sta.	2 3 5 7 C
Donnybrook	2242	Ward	12 48 31	101 53	1760				GP Fred E. Foldser	2 3 5 7
Drake	2298	McNeely	12 47 55	100 22	1634				8A Ed. J. Evans	2 3 5
Dunbar	2365	Dunn	4 47 21	102 37	2810				6A Charles W. Neustel	2 3 5 7
Eckman	2472	Bottineau	12 48 38	101 03	1500				7A Soc Line Agent	2 3 5
Edgley Exp. Farm	2472	La Moure	5 46 20	98 42	1568				8A N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2 48 25	98 29	1520				GP Mike Davis	2 3 5 7
Eggle 5 S	2592	Grant	1 46 21	101 49	2241				GP Art A. Keliager	2 3 5 7
Ellendale	2605	Dickey	9 46 00	98 31	1400				GP Paul Gruesz	2 3 5 7
Ellendale	2605	Ransom	11 46 39	97 36	2004				7A Leonard Peterson	2 3 5
Epping	2735	Williams	8 48 17	103 21	2224				GP T. Beascher	2 3 5
Enosod	2767	Benson	11 48 02	98 46	1650				WIO Lyle O. Forieg	3
Fairfield	2809	Billings	7 47 11	103 13	1730				GP John Petruschak	3
Fargo WB Airport	2859	Cass	9 46 08	98 48	2895				WIO U.S. Weather Bureau	2 3 5 7 C
Fessenden	2849	Wells	5 47 39	99 37	1620				GP Emil E. Rust	2 3 5
Flasher	3009	Morton	1 46 27	101 34	1930				8A George M. Sleicher	3
Flaxton	3019	Burke	12 48 54	102 23	1940				GP Palmer W. Dubeau	3
Fletcher 13 N	3046	Dickey	5 46 44	98 56	2810				GP Theodore A. Wirth	2 3 5
Foran	3117	Sargent	10 46 06	97 39	1249				GP Art Waterman	2 3 5
Fort Yates	3207	Stout	9 46 06	100 39	1640				GP Soil Conservationist	2 3 5 7 C
Foxholm 7 N	3217	Ward	12 48 27	101 34	1900				GP U.S. Wildlife Ref.	2 3 5 7
Fryburg 1 NE	3277	Billings	4 46 53	101 34	1742				WIO Hiner Stuhliker	2 3 5 7 C
Fulford	3287	Dickens	12 48 38	102 28	1899				GP F. L. Little	2 3 5 7
Gackle	3309	Logan	5 46 39	99 08	1951				GP Alvin Russell	2 3 5
Garrison	3376	McLean	8 47 38	101 25	1911				7A Albert J. Beirle	2 3 5 7
Grass Lake	3406	Morton	4 46 49	101 49	2810				WIO Frederick C. Amoro	2 3 5 7
Glee Ullis 13 N	3501	Mercer	8 47 00	101 47	2221				GP Christ Schilling	3
Golden Valley 10 S	3529	Golden Valley	6 47 10	102 03	1700				GP Robert B. Backisch	3
Gracie City	3583	Foster	5 47 33	98 48	1495				WIO Ida Boederud	2 3 5
Grafton State School	3585	Walsh	10 46 25	97 25	885				GP James Marr	2 3 5 7
Grand Forks CAA AP	3616	Grand Forks	10 47 58	97 35	332				WIO U.S. Civil Aero Adm.	2 3 5 7 C
Grand Forks Diversity	3621	Grand Forks	10 47 55	97 05	830				WIO University of W.D.	2 3 5 7
Grand Rapids 1 N	3685	La Moure	5 46 28	98 21	1360				GP Albert J. Reas	2 3 5
Grano	3676	Kennebec	12 48 37	101 35	1625				WIO Oswald B. Bjornlie	2 3 5 7 C
Granville	3686	McHenry	12 47 58	101 35	1625				7P Fred Roeb	2 3 5 7
Grassy Butte	3698	McKenzie	7 47 24	103 14	2650				WIO Sam Charchenko	2 3 5 C
Grassy Butte 10 N	3701	McKenzie	7 47 31	103 14	2497				GP Edsel G. Crist	3
Greora	3736	Williams	8 48 37	103 59	2114				10P L. D. Nielson	2 3 5
Griggs	3836	Bowman	3 45 58	103 08	2095				WIO J. E. Crawford	2 3 5
Griffey	3846	Dunn	6 47 21	102 29	2075				GP Maurice B. Vason	2 3 5
Bakinoor R R Station	3908	Richland	10 46 04	96 54	1068				7A Soc Line Agent	2 3 5 C
Beezford	3926	Griggs	11 47 18	98 12	1428				WIO Belen Benson	2 3 5 C
Beehaz	3936	Cavaler	9 48 58	98 41	1570				GP O.S. Customs Office	2 3 5 C
Beehaz	3963	Towner	9 48 57	99 23	1600				7P Charles E. Disber	2 3 5 7
Bearley	4013	Wells	11 47 46	99 58	1585				GP Stephen Schreder	2 3 5
Baynes 5 NE	4073	Adams	1 46 00	102 22	2550				WIO Barea Evans	2 3 5
Bearlote R N Station	4083	Emmons	8 46 29	100 17	1878				WIO V. G. Shaw	2 3 5 7
Beckler	4178	Adams	3 46 00	102 38	2680				GP Fred O. Forthum	2 3 5 7
Beckler 17 N	4186	Adams	1 46 15	102 38	2810				WIO D. J. Gerbracht	2 3 5 C
Billabou	4203	Trall	10 47 24	97 04	901				GP Alfred Jakobs	2 3 5
Burdfield	4343	Wells	5 47 27	97 55	1815				WIO Ruth Schwitz	2 3 5
Jamestown CAA AP	4413	Stutsman	5 46 55	99 41	1492				WIO U.S. Civil Aero Adm.	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5 46 53	98 41	1457				7P W.D. State Hospital	2 3 5
Keene 2 S	4571	McKenzie	8 47 54	102 56	2346				GP Keeneeth V. Berget	2 3 5
Kenmare	4646	Ward	12 48 40	102 05	1800				8A Theo. E. Eckberg	2 3 5 C
Kennel Wildlife Refuge	4656	Stutsman	5 47 18	98 52	1440				GP U.S. Wildlife Ref.	2 3 5 7
Kildner 8 NE	4726	Dunn	7 47 26	102 53	2240				GP Leonard J. Davis	3
Krazer 5 SW	4823	Bottineau	12 48 39	100 33	1457				WIO Paul A. Kretschmar	3
Kula	4843	La Moure	5 46 18	98 57	1970				GP John Krohn	2 3 5
Langdon Exp. Farm	4958	Cavaler	9 48 45	98 20	1615				GP V. Sturlaugson	2 3 5
Lansford	5002	Bottineau	12 48 38	101 22	1600				GP Louis Schaefer	3
Larison	5013	Grand Forks	10 47 55	97 38	1134				GP Bennie Enges	2 3 5
Leeds	5078	Beckler	2 48 17	99 28	1515				GP John Fager	2 3 5
Leifor 10 E	5088	Stark	4 46 38	102 24	2845				GP Joseph Link	2 3 5
Lieton	5210	Emmons	8 46 16	100 14	1685				GP Leonard P. Meloe	2 3 5
Liebon	5220	Ramsey	11 46 26	97 42	1099				GP M.D. Goldiere Howe	2 3 5
Litchville	5230	Barnes	11 40 38	98 31	1467				GP William H. Rugh	3
Loatwood 12 W	5320	Burke	12 48 33	102 24	2250				GP Loatwood W.L. Ref.	2 3 5
Maddock Agri. School	5434	Beacon	11 47 58	99 30	1804				GP Seneca Cy Agr	2 3 6
Madras Exp. Station	5478	Morton	4 46 48	100 54	1750				8A W. G.P. Field Sta.	2 3 5 6 7 C
Madras Pk. Lincoln Park	5484	Morton	8 46 47	100 52	1700				GP Park Supt.	2 3 5
Manning	5518	Dunn	8 47 14	102 46	2218				WIO Donald Jefferies	2 3 5 C
Marsarth	5572	Slope	7 46 18	103 55	2714				GP E. P. Jones	2 3 5
Marsarth W.D. Co.	5575	Slope	7 46 18	103 55	2710				WIO E. R. Jantzen	2 3 5
Martie	5610	Shields	11 47 50	100 07	1610				GP Elroy E. Kessler	2 3 5
Martie	5628	McLean	8 47 49	101 18	2092				8A R. Schaefer	2 3 5
Martie	5660	Trall	10 47 30	97 19	875				GP E. A. Raga	2 3 6 7
McClusky	5710	Shields	6 47 29	100 28	1943				GP Elmer L. Schelke	2 3 5 7
McGregor R R Station	5720	Williams	6 48 39	102 56 -					WIO L. E. Erickson	2 3 5 7 C
McHenry 3 S	5730	McHenry	11 46 35	98 35	1990				GP T. C. Blasky	2 3 5 7
McLeod 3 E	5754	Richland	11 46 34	97 14	1075				7P J. G. Carlson	2 3 6
McVie	5764	McLean	10 47 48	98 10	1467				GP E. R. Kniefel	3
Medina 1 W	5798	Stutsman	6 46 53	99 19	1785				GP Rudolph Graf	

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

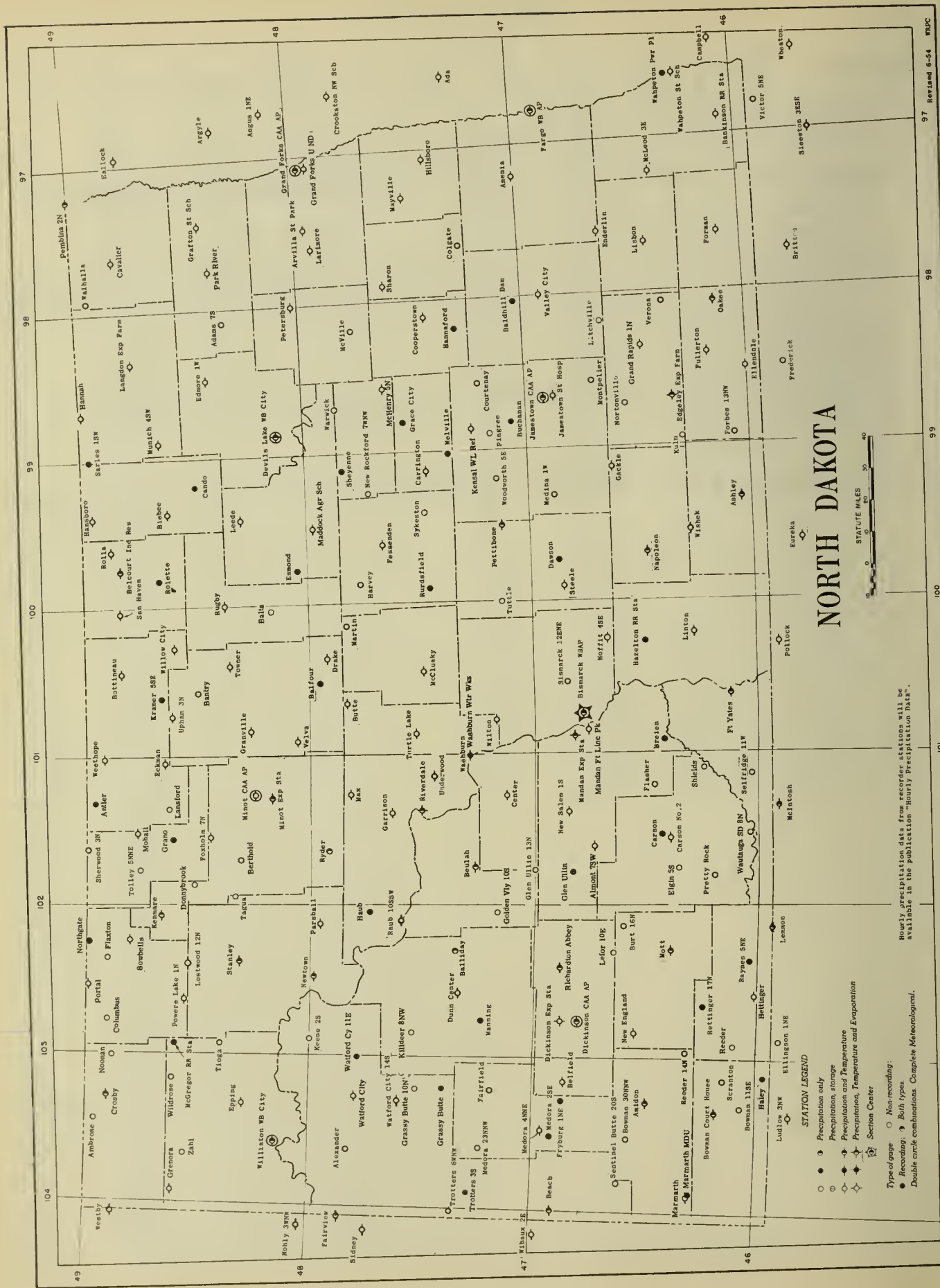
Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- ⊙ Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.
- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 15 cents per copy; monthly and annual, \$1.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

WRPC, Kansas City, Mo. -- 9-9-54 -- 380



NORTH DAKOTA

STATUTE MILES
0 10 20 30 40

- STATION LEGEND**
- Precipitation only
 - Precipitation, storage
 - Precipitation and Temperature
 - Precipitation, Temperature and Evaporation
 - Section Center
- Type of gauge**
- Non-recording
 - Recording
 - Both types
- Double circle combinations. Complete Meteorological.

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

AUGUST 1954

Volume LXIII No. 8

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NORTH DAKOTA - AUGUST 1954

F. J. Bavendick, Section Director - Bismarck

WEATHER SUMMARY

August 1954 was slightly cooler and somewhat wetter than normal. Rainfall was spread rather evenly through the month except for a dry period the last five days. All stations in the state reported more than one inch of rain during the month except Oakes which received only 0.88 inch. Wettest area was around Stark County with 6.82 inches reported at the Dickinson Experiment Station. For crops, the cooler and somewhat wetter weather was a welcome change from the warm, dry weather of July but as the month progressed the same cool, wet weather hampered harvesting of grains. Rapid progress in harvesting was possible, however, the last few days of the month.

The mean temperature for the state was 66.4° which is 0.6° below normal. The eastern division averaged 66.9° which is only 0.1° below normal; the middle division averaged 65.9° which is an even 1 degree below normal and the western division averaged 66.4° which is 0.6° below normal. The highest temperature in the state was 102° on the 31st at the station 14 miles south of Watford City. The lowest temperature reading in the state during the month was 36° which occurred at Hannah on the 10th and again on the 16th and at Langdon Experiment Farm on the 10th. The highest mean temperature for the month was 69.9° at both Fullerton and at the Wahpeton State School. The lowest mean temperature in the state was 61.7° at the Belcourt Indian Reservation. Precipitation over the state averaged 2.74 inches which is 0.67 inch above normal. The eastern division averaged 2.53 inches which is only 0.02 inch above normal; the middle division averaged 2.56 inches which is 0.54 inch above normal and the western division was quite wet averaging 3.14 inches which is 1.48 inches above normal. The heaviest precipitation in a single day was 2.27 inches at Litchville on the 18th and at Hettinger on the 26th.

The month began with both the topsoil and the subsoil rather dry in most areas but adequate moisture became available within the first 3 or 4 days with general showers. Black stem rust developed rapidly in the first week and continued to damage wheat until harvest, particularly in the northern part of the state. The improved moisture supply also stimulated weed growth to where it became a problem to standing grain. The moisture benefited pastures, haystands, corn, late flax, potatoes, sugar beets, late grain and permitted good progress with fall plowing.

A tornado was reported by a pilot in flight near Medora at about 8 p.m. MST on the 6th but there were no confirming reports from the ground stations in the area. Some hail and wind damage was reported in east-central North Dakota the afternoon of the 1st mostly to corn and other standing crops. Considerable hail damage was reported in the western portion of the state on the afternoon and evening of the 14th. Crop damage was quite heavy with moderate damage to buildings, windshields, power and telephone lines, etc. At some stations the hail stones were egg sized and accumulated 2 to 3 inches deep remaining 12 to 18 hours after the thunderstorm had passed. There were no lives lost on account of severe weather in the state during the month.--CAE

SUPPLEMENTAL DATA

NORTH OAKOTA
AUGUST 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
BISMARCK WB AIRPORT	E	17	10.2	50	S	20	83	88	55	53	5	2	6	2	0	0	15	70	4.6
DEVILS LAKE WB CITY	-	-	7.2	25	SE	17	-	-	-	-	6	3	7	0	0	0	16	58	5.5
FARGO WB AIRPORT	SSE	16	11.5	42	NW	15	82	88	54	51	5	3	5	0	1	0	14	69	5.0
WILLISTON WB CITY	-	-	7.8	35	SE	20	-	88	55	46	7	6	3	2	0	0	18	63	5.7

COMPARATIVE DATA

Table 1

AUGUST

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall	
1892	67.3	105	24	2.39	0		1914	64.2	101	26	2.29	0		1936	69.8	110	29	1.40	0	
1893	66.7	109	29	1.31	0		1915	64.4	100	19	1.18	0		1937	72.9	109	40	1.52	0	
1894	88.8	102	30	1.14	0		1916	66.0	100	26	2.67	0		1938	69.8	109	33	1.50	0	
1895	84.5	104	24	1.57	0		1917	65.2	105	32	0.82	0		1939	68.6	105	32	2.10	0	
1898	64.7	107	21	1.12	0		1918	66.5	102	34	3.38	0		1940	67.8	103	33	2.05	0	
1897	64.1	108	29	1.18	0		1919	67.9	101	30	1.59	0		1941	68.8	111	32	2.86	0	
1898	65.4	104	24	1.69	0		1920	68.8	108	28	1.53	0		1942	66.3	105	33	3.09	0	
1899	65.2	97	32	2.83	0		1921	67.2	108	31	1.98	0		1943	67.7	104	31	2.61	0	
1900	70.4	114	33	5.06	0		1922	69.8	115	33	1.31	0		1944	65.6	102	34	4.37	0	
1901	66.9	100	32	1.77	0		1923	63.0	97	28	1.84	0		1945	67.1	105	32	1.68	0	
1902	64.3	98	26	2.30	0		1924	63.9	102	28	1.57	0		1946	65.2	104	29	1.62	0	
1903	63.7	103	35	4.68	0		1925	67.9	110	29	1.04	0		1947	70.9	110	34	2.67	0	
1904	63.3	102	31	1.61	0		1926	65.6	105	36	2.37	0		1948	68.6	103	35	1.83	0	
1905	67.5	107	34	2.43	0		1927	63.4	96	28	3.13	0		1949	71.2	111	30	0.99	0	
1906	68.3	105	31	1.84	0		1928	64.8	105	25	3.09	0		1950	64.1	97	29	1.49	T	
1907	64.5	104	26	1.73	0		1929	68.5	106	26	0.77	0		1951	63.8	101	35	4.09	T	
1908	63.2	104	25	2.16	0		1930	70.4	104	32	1.45	0		1952	67.3	105	31	2.31	T	
1909	69.8	109	27	2.23	0		1931	67.0	105	30	2.09	0		1953	69.6	103	39	1.78	T	
1910	63.1	109	24	1.46	0		1932	68.3	100	28	1.89	0		1954	66.4	102	36	2.74	T	
1911	82.2	98	23	3.21	0		1933	68.5	104	31	0.75	0								
1912	63.4	118	32	2.88	0		1934	67.4	108	25	1.15	0								
1913	68.9	106	30	2.63	0		1935	66.2	109	26	2.35	0								

Averages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature										Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	18 or More °	50 or More °	1.00 or More
EASTERN DIVISION																				
AMENIA	81.5	55.1	68.3	1.2	91	24	42	11	24	2	0	0	0	1.94	- 0.60	0.57	15	0.0	0	8
ARVILLA STATE PARK	79.4				91	31	38	17		2	0	0	0	2.72		0.95	13	0.0	0	7
CARRINGTON	78.0	53.2	65.6	- 1.5	88	25	40	11		0	0	0	0	1.86	- 0.21	0.90	15	0.0	0	5
CAVALIER	78.1	53.0	65.6	- 0.3	89	31	42	11	43	0	0	0	0	2.88	0.37	0.88	22	0.0	0	8
COOPERSTOWN	74.6M	53.9M	66.8M	- 0.6	91	31	41	10	38	1	0	0	0	3.39	0.78	0.96	22	0.0	0	7
DEVILS LAKE WB CITY	76.1	53.8	65.0	- 1.8	92	31	45	10	58	1	0	0	0	1.68	- 0.49	0.49	17	0.0	0	7
FOGLEY EXP FARM	80.6	54.3	67.5	- 0.2	93	25	42	10		0	0	0	0	2.30	0.05	1.62	18	0.0	0	3
EDMORE 1 W	76.5	50.6	63.6	- 1.2	90	31	38	10	78	1	0	0	0	2.89	0.56	1.02	13	0.0	0	6
ELLENDALE	83.2	56.1	69.7	1.0	95	24	45	10	11	4	0	0	0	1.23	- 1.54	1.50	13	0.0	0	4
ENOERLIN	80.9	52.7	66.8		96	24	43	17		1	0	0	0	1.57		0.68	13	0.0	0	4
FARGO WB AP	80.8	56.7	68.8	- 0.3	93	24	44	10	21	2	0	0	0	2.60	- 0.13	1.06	15	0.0	0	6
FORMAN	83.7	55.3	69.5	1.3	95	24	45	10	13	5	0	0	0	1.33	- 1.42	0.50	2	0.0	0	1
FULLERTON	83.9	55.9M	69.9M	1.9	98	24	45	10	9	5	0	0	0	1.50	- 1.04	0.39	18	0.0	0	0
GACKLE	79.8	55.4M	67.6M	0.1	92	31			18	2	0	0	0	3.08	0.73	1.48	13	0.0	0	4
GRAFTON	78.8	53.8	66.3	- 0.1	89	31	41	11	41	0	0	0	0	4.28	1.76	1.62	22	T	0	6
GRAND FORKS CAA AP	78.2	53.5	65.9	- 0.1	90	31	42	10	38	1	0	0	0	2.82	0.20	1.19	21	0.0	0	4
GRAND FORKS UNIVERSITY	77.6	53.7	65.7	- 0.3	88	24	41	10	44	0	0	0	0	2.78	0.16	0.92	13	0.0	0	7
GRAND RAPIDS 1 N	83.5	54.0	68.8		96	24	41	10	15	4	0	0	0	1.06		0.43	19	T	0	4
HANKINSON R R STATION	80.3M	55.4M	67.9M	- 2.8	97	25	45	11	1	0	0	0	0	2.06	- 0.69	0.66	2	0.0	0	5
HANNAH	74.4M	50.1M	62.3M	- 1.8	83	24	36	10	102	0	0	0	0	2.44	0.07	1.15	18	0.0	0	7
HILLSBORO	81.2	54.4	67.8	- 0.4	92	24	42	11	27	2	0	0	0	1.56	- 1.19	0.52	15	0.0	0	5
JAMESTOWN CAA AP	80.4	53.7	67.1	0.2	91	31	42	10	21	2	0	0	0	2.38	- 0.17	1.19	27	0.0	0	4
JAMESTOWN STATE HOSP	80.4M	56.0	68.2M	1.3	93	31	45	10	21	3	0	0	0	2.72	0.17	1.14	27	T	0	5
KENSAL WILDLIFE REFUGE	81.4				92	31			2	0	0	0	0	2.64		0.92	15	0.0	0	4
LANGOON EXP FARM	75.9	50.2	63.1	- 0.6	88	31	36	10	89	0	0	0	0	5.05	2.58	1.65	13	0.0	0	8
LARIMORE	79.3	53.5	66.4	0.5	91	31	43	11	38	1	0	0	0	2.73	0.02	0.87	13	0.0	0	8
LISBON	82.5	55.4	69.0	1.2	94	24	43	17	16	2	0	0	0	2.87	- 0.03	1.00	2	0.0	0	5
MAYVILLE	80.0	54.8	67.4	- 0.5	97	24	43	11	33	2	0	0	0	1.86	- 0.69	0.50	15	0.0	0	6
MC HENRY 5 N	76.7	52.9	64.8	- 4.9	91	31	40	10	61	1	0	0	0	2.36	0.04	0.72	13	T	0	6

See reference notes following Station Index.

CLIMATOLOGICAL DATA

NORTH DAKOTA
AUGUST 1954

TABLE 2 - CONTINUED

Station	Temperature										Precipitation														
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days				
										Max.	Min.	30" or Above	32" or Below					32" or Below	5" or Below	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
MC LEOD 3 E	83.0	55.4M	69.2M	0.7	95	24	41	10	15	3	0	0	0	1.34	- 1.36	0.46	22	0.0	0		6	0	0		
MUNICH 4 SW	74.7	52.0	63.4		89	31	39	10	75	0	0	0	0	4.29		1.03	25	T	0		8	4	1		
OAKES	80.1	56.3	68.2	- 0.9	93	25	45	10		1	0	0	0	0.88	- 1.79	0.36	27	0.0	0		3	0	0		
PARK RIVER	77.9	54.1	66.0	- 0.6	91	31	40	11	41	1	0	0	0	2.63	0.33	0.84	22	0.0	0		7	2	0		
PEMBINA 2 N	80.3	55.1	67.7	3.0	88	23+	46	10	8	0	0	0	0	3.44	1.15	1.32	11	0.0	0		5	4	1		
PETERSBURG	78.5	52.6	65.6		88	31	39	10	47	0	0	0	0	3.49	1.13	1.10	22	0.0	0		5	2	0		
SHARON	77.7	53.5	65.6	- 2.3	88	31	43	10	48	0	0	0	0	4.27	1.90	1.90	22	0.0	0		5	3	2		
VALLEY CITY	81.5	55.7	68.6	0.9	91	24+	45	10+	21	2	0	0	0	1.91	- 0.63	0.67	15	0.0	0		4	2	0		
WAHPETON STATE SCHOOL	83.0	56.7	69.9	1.2	94	24	43	10	11	3	0	0	0	3.46	0.59	1.10	25	T	0		8	2	0		
DIVISION			66.9	- 0.1									2.53	0.02			T								
MIDDLE DIVISION																									
ASHLEY	80.5	54.7	67.6	0.4	95	31	47	10+	26	2	0	0	0	1.44	- 1.00	0.53	13	0.0	0		5	1	0		
BELCOURT INDIAN RES	74.0	49.3	61.7		89	31	40	10+	116	0	0	0	0	2.14		0.95	26	0.0	0		4	1	0		
RISBEE	75.6	53.8	64.7	- 1.0	91	31	43	10	61	1	0	0	0	3.53	1.18	1.53	25	0.0	0		7	1	1		
BISMARCK WB AP	80.6	55.8	68.2	- 1.1	98	31	48	10	17	2	0	0	0	2.68	1.18	0.55	17	0.0	0		8	2	0		
BOTTINEAU	75.5	50.7	63.1	- 1.8	85	24	45	2+		0	0	0	0	2.86	0.41	0.79	18	0.0	0		6	3	0		
BUTTE	77.1M	53.5M	65.3M	- 1.9	85	24+	45	30		0	0	0	0	2.11	0.17	0.47	15	0.0	0		7	0	0		
CARSON NO 2	81.0	56.0	68.5	- 0.1	98	31	47	18	21	2	0	0	0	3.21	1.55	1.03	12	T	0		3	1	0		
CENTER	79.6	52.5	66.1	- 1.9	99	31	44	29	34	2	0	0	0	2.33	0.62	1.00	17	0.0	0		5	1	1		
ORAKE	77.0	53.9	65.5	- 2.1	87	25	46	10+		0	0	0	0	2.09	0.07	0.43	15	0.0	0		7	0	0		
ECKMAN	76.3	50.8	63.6	- 1.4	86	24	40	17+		0	0	0	0	2.60	0.72	0.70	7+	0.0	0		6	2	0		
FESSENDEN																									
FORT YATES	82.9M	54.7M	68.8M	- 0.9	99	31	43	8	9	4	0	0	0	2.63	0.74	0.59	19	T	0		8	2	0		
FOXHOLM 7 N	80.4	52.1	66.3	- 0.3	98	31	41	19	33	1	0	0	0	2.38	0.40	0.65	4	0.0	0		7	1	0		
GARRISON	78.6M	53.0M	65.8M	- 0.8			47	28+		0	0	0	0	2.04	0.10	0.56	17	0.0	0		6	2	0		
GRANVILLE	78.0M	53.7M	65.9M	0.2	95	31			37	1	0	0	0	3.95	2.08	1.50	12	0.0	0		7	2	1		
HANSBORO	74.5M	50.4M	62.5M	- 1.0	90	31	39	10+	104	1	0	0	0	2.78	0.46	0.83	25	0.0	0		7	1	0		
LEEDS	77.3	52.5	64.9		92	31	43	10	55	1	0	0	0	3.21		1.20	18	T	0		7	2	1		
LINTON	83.2	56.0	69.6	- 0.5	96	31	45	19	8	3	0	0	0	1.57	- 0.51	0.60	21	0.0	0		4	1	0		
MAODOCK AGR SCHOOL	77.5	52.8	65.2	- 1.3	93	31	42	10	55	1	0	0	0	5.33	3.02	0.90	12+	T	0		11	4	0		
MANDAN EXP STATION	78.7	56.3	67.5	- 1.4	90	25	49	10+		1	0	0	0	2.52	0.94	0.52	17	0.0	0		7	1	0		
MANDAN FT LINCOLN PARK	82.5	53.2	67.9		95	31	45	10+	21	2	0	0	0	2.81		0.92	17	0.0	0		6	1	0		
MAX	77.9	53.3	65.6	- 1.8	85	13+	47	19		0	0	0	0	2.76	0.88	0.95	13	0.0	0		6	2	0		
MC CLUSKY	78.6	54.9	66.8	- 0.4	94	31	45	10	33	1	0	0	0	3.18	1.25	0.93	17	0.0	0		7	3	0		
MINOT CAA AP	77.5	53.7	65.6	0.0	96	31	45	29	45	1	0	0	0	2.62	0.70	0.55	12	0.0	0		8	2	0		
MINOT EXP STATION	77.7M	52.0M	64.9M		88	13	44	29		0	0	0	0	2.57		0.72	13	0.0	0		6	2	0		
MOFFIT 4 SE	81.2	53.5	67.4		95	31	42	19	25	3	0	0	0	2.24		0.93	27	0.0	0		6	1	0		
MOHALL	78.7	50.6	64.7	- 0.1	98	31	42	15+	61	1	0	0	0	1.64	- 0.27	0.65	21	0.0	0		6	1	0		
NAPOLEON	81.7	55.5	68.6	1.5	95	31	45	19	17	2	0	0	0	1.47	- 0.73	0.32	27	0.0	0		6	0	0		
NEW SALEM 1 S	79.4	54.5	67.0	- 0.9	97	31	40	10	33	2	0	0	0	3.79	2.06	1.15	13+	0.0	0		6	3	2		
PETTIBONE	80.2	54.2	67.2	- 1.3	95	31	40	10	30	1	0	0	0	1.07	- 1.08	0.27	13	0.0	0		6	0	0		
RIVERDALE	78.5	55.1	66.8		87	24+	47	10		0	0	0	0	2.20		0.65	17	0.0	0		5	1	0		
ROLLA	73.7	51.1	62.4	- 3.2	90	31	41	10+	101	1	0	0	0	2.50	0.01	0.76	26	0.0	0		8	1	0		
RUGBY	79.0	53.9	66.5		94	31	45	29	33	1	0	0	0	2.73	0.73	0.80	13	0.0	0		8	1	0		
SAN HAVEN	74.8	53.0	63.9	- 0.7	90	31	45	10+	69	1	0	0	0	2.09	- 0.27	0.93	26	0.0	0		4	1	0		
STEELE	80.7	53.5	67.1	- 0.2	93	31	44	10	26	2	0	0	0	1.84	- 0.34	0.39	27	0.0	0		6	0	0		
TOWNER	78.0	50.5	64.3	- 1.9	94	31	41	29	64	1	0	0	0	2.14	0.16	0.47	11	0.0	0		8	0	0		
TURTLE LAKE	80.3	54.6M	67.5M	0.2	96	31	47	10	19	1	0	0	0	2.83	0.85	0.70	12	0.0	0		6	3	0		
UNDERWOOD	78.8	53.5	66.2		87	24	46	10		0	0	0	0	2.34		0.65	22	T	0		5	2	0		
UPHAM 3 N	79.4	51.4	65.4		94	31	42	29	47	2	0	0	0	2.46		0.87	18	0.0	0		5	2	0		
VELVA	77.3	54.5	65.9	- 0.9	95	31	45	29	38	1	0	0	0	2.72	0.50	0.65	13	0.0	0		7	2	0		
WASHBURN	80.3	54.8+	67.6	- 0.5	96	31	46	10	25	1	0	0	0	2.84	1.21	1.16	17	0.0	0		5	3	1		
WESTHOPE	77.3	51.2	64.3	- 1.2	94	31	43	28	62	1	0	0	0	2.98	0.97	0.81	7	0.0	0		7	3	0		
WILLOW CITY	76.4	52.4	64.4	0.2	92	31	43	16	66	1	0	0	0	2.09	0.05	0.50	15	0.0	0		6	1	0		
WILTON	78.2	54.0	66.1	- 1.6	94	31	45	10	34	1	0	0	0	2.56	0.85	1.04	17	0.0	0		6	2	1		
WISHEK	81.7	51.8M	66.8M	- 0.2	93	24	43	10+	30	3	0	0	0	2.65	0.46	0.83	14	0.0	0		7	2	0		
DIVISION			65.9	- 1.0									2.56	0.54			T								
WESTERN DIVISION																									
ALMONT 7 SW	81.5	55.1	68.3		97	31	48	19	18	4	0	0	0	2.75		0.82	27	0.0	0		5	2	0		
AMIDON	80.1	52.8	66.5	- 1.9	92	15	42	19		1	0	0	0	5.98	4.43	2.05	12	0.5	0		9	3	3		
BEACH	79.9	53.0	66.5	-																					

DAILY PRECIPITATION

NORTH DAKOTA
AUGUST 1954

Table 3

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AOAMS T 5	2.82							.73					.15	.60	.22		.15	.37			.15	.10					.35						
ALEXANDER	2.75				.13	.68	.21						.15	.20			.51	.12			.20						.51						
ALMONT 7 SW	2.75		.02	.02	.04	.01	.05	.01				.03	.27	.73			.23	.45	T		.20			.02			.08	.82					
AMROSE	2.38		.17	.14	.06	.40						.50		.22			.05				.21						.63						
AMENIA	1.94	.21			.03									.18	.57				.11		.22	.20	.20				.22						
ANIDON	5.98				.20	.13	.04	1.10	T				2.05	.23			.25	.25						.32				1.41					
ARVILLA STATE PARK	2.72	.11												.95	.05	.37		.14	.11		.65	.29					.04	.01					
ASHLEY	1.44	.02	.11								.06		.18	.53	.06			.21	.03		.05	.13											
RALTA	2.31				.19		.43	.04				.21	.03	.26	.58																		
BANTRY	2.78				.18		.26				.05	T	.46	.64	.47			.04	.29								.24	.15					
BEACH	3.41				.10	.21	.01	.10						.10			.80	.96	.03		.34	.03											
BELCOURT INDIAN RES	2.14	T						.08					.43	T	.22	.04	.21	T	.26	T		.09	.05	T	T			T	.95	.03			
RELFIELD	4.71			.06	.22	.10	.04	.06			.06	.02	1.02	.22	.15	.33	1.94	.10			.05	.05	T	T				.08	.26				
BERTHOLO	1.35	T											.02	T	.05	.38				.29	.01	.03						.48	.09				
BEULAH	4.02				.08								.90	1.08				1.02	.21			.15						.24					
RISBEE	3.53							.41				.33		.37	.24				.46								1.53						
BISMARCK WB AP	2.68	R //		T	T	.03	.53	.05	.05			.45	.10	.25			T	.55	T		.45	.11											
BISMARCK 12 ENE	2.50				.02		.05	.45	.05			.27	.31					1.05	T		.06	.05											
BOTTINEAU	2.86		.03	.04				.07	.01			.69	.18	T	.30	.13			.79			.02						.54	.06	T			
BOWBELLS	1.42			.02		.04	.03	.03						.33			.03	.17			.02	.21						.40	.14				
BOWMAN COURT HOUSE	2.97				.32	.13		.40			.02	.11	.10	.22	.27		.24	T															
BOWMAN 11 SE	3.07				.16	.05	.28					.14	.06	.28	.20	.30		.20															
BOWMAN 30 NW	2.67				.30	.15						.42		.23				.59			.24												
BURT 16 N	2.42			.21	.20	.15	T				.13	.08		.68	.02		.02	.24			.10							.04	.55				
BUTTE	2.11		.02					.25	.03			T	.09	.26	.47			.40	.15				.29	T				.15					
CARRINGTON	1.86							.02	.01	T			.21	.23	.14	.90	T	.01	.17	.01		.02	.08										
CARSON NO 2	3.21				.14			.19			.06		.05	.65	.45			.13			.05	.88											
CAVALIER	2.88							.16	T	.01			.04	.05	.18	T	.31		.28			.37						.45	.12	.03			
CENTER	2.33				.05		.42	T					.35	.35				1.00				.12											
COLGATE	1.97	.13			.09				.05	T				.47	.02	.67			.10			.08	.25					.11					
COLUMBUS	1.90	.03			.04	.13	.12						.36			.40		.07	.04		.03		T				.09	.03	.56				
COOPERSTOWN	3.39	.19			.15				.44	T			.06	.66	.67			T	.22		T	.96	T										
COURTENAY	2.77	.04						.05					.16	.82	.05	.55		.05			.35	.75											
CROSBY	1.89	.08			.07	.19	.40	T					.12			.21		.05	.03									.03	.66				
DEVILS LAKE WB CITY	1.68	T						.15	T				.19	.25	.08	T	.18		.49	.03		.11	.19						.01				
DICKINSON CAA AP	5.55		T	.14	.20	.21	.18	.10			.04	2.16	.84	.20	T		.35	.50			T	.30	.02					.31					
DICKINSON EXP STATION	6.82				.76	.11	.26	.16	T		.03	T	2.25	.21	.56		.20	1.29	.06			.40	.01					.02	.50				
DONNYAROOK	2.23				.39								.11	.52	.43			.13	.25									.27	.13				
ORAKE	2.09				.09			.15					.22	.27	.09	.43		.18	.16			.42						.09	.47				
OUNN CENTER	2.53		T		.47	.12	.08							.32			.23	.63	.08		T	.04											
ECKMAN	2.60							.70	T		.05	T	T	.70			.05	.20		.05	.30							.40	.15				
EDGELEY EXP FARM	2.30	.03	.01		.02			.04						.20		.02	.62				.01												
EDMORE 1 W	2.89				.20	T	.28						T	T	1.02	.22		.04	.31		.06	.18					.04	.52					
ELGIN 5 S	2.27	T			.20	T		.07				.33	T				T	.21		.17	.08							.14	.79				
ELLENDALE	1.23	.12		.01				.01	T				.27	T		.50		.02	.08	.05	T	.03											
ENDERLIN	1.57		.68											.25		.03	.12			.07		.08	.05					.35	.19				
EPPING	2.50				.25	T	.28							.65			.23	.09															
FAIRFIELD	4.83		.02											.04	.65		.35	.83			T	.05					1.12	.38	.86				
FARGO WB AP	2.60	.37			.01			T	T	T				.05		1.06		.16	.15		T	.08	.32										
FESSENDEN		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FLASHER	3.98				.09			.24	.18				.12	.74	1.03		.03	.09				.38				.09	.02	.14	1.08				
FLAXTON	1.04	.01		.09		.01	.06						.11	.02		.22	.01	.24	T		.02	T											
FORBES 13 NW	2.38												.14		.42		.76	.79															
FORMAN	1.33	T	.50	T										.14		.42		.76	.79														
FORT YATES	2.63	.03			T	T	.14	.12	T				.05	.13		.41	.01	T		.59		.16	.18										
FOXHOLM 7 N	2.38				.65									.10	.30	.04		.24	.36		.35							.34	T				
FULLERTON	1.50	.06	T					.03					.07	.38				.03	.														

DAILY PRECIPITATION

NORTH DAKOTA
AUGUST 1954

Table 3—Continued

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NEW ROCKFORD 7 WNW	2.82	.11			.08			.09				.08	1.03					.88			.02	.53												
NEW SALEM 1 S	3.79		.02	T		.02	.03	.25			T	.05	.81	1.15				T	1.15				.02	.02			T	.16	.13					
NEWTOWN	2.17				.10	.02	.07						.47	.03					1.15									.53	.25					
NOONAN	1.88	.04			.03	.26	.15						.39					.18	.50															
NORTONVILLE	2.75	.18													.25	.40											.06	T	.55					
																.05			.20	1.43														
OAKES	.88	T	.06	T	T				.02				T		.23				T	.10		T	.03	.05							.36		.03	
PARK RIVER	2.63							.03		.01		T	.32	.55	.08	.13			T	.05	.19	.02	.16	.84				.25	T					
PARSHALL	2.07				.05	.05							.04	.03	.20			.05	.50	.10		.06						.58	.41					
PEMBINA 2 N	3.44							.04	.12	T		.03	1.32								.69	.51	.58			.03	.08	T						
PETERSBURG	3.49							.34					.19	.55	.03	.31				.32	.10		.48	1.10				.07						
PETTIBONE	1.07							.07					.16	.27	.16				.10				.15										.16	
PINGREE	2.53							T					.93	.37	.80				T	.07			.88										.28	
PORTAL	1.64	.02	.01			T	.09					.10	.01		.80			T	.06	T		.04	.07	T				.04	.40					
POWERS LAKE 1 N	3.17				.10		.08				T	.45			.70				.41			.06						.08	1.18	.11				
PRETTY ROCK	3.43	T		T	.24	.19	.08	.26		.03	T	T	.13	.43	T	.04		.19	T	.09	T	.04	.13	.07	T		.04	.44	1.03				T	
RAUB 10 SSW	2.06												.67	.10		.15		.14	.55	.13		.02											.30	
REEDER	3.47				.30		.05	.25					.15	.75		.20		.30				.35					.05						1.02	
REEDER 14 N	2.38				.21	.19	.04	.11	.08			.05	.12	.25		.08		.13	T			.19							.19	.81				
RICHARDSON ARREY	4.28				.07	T	.13		.07	T		T	.08	.17	.43	.01	T		.19	1.27	T		.23	.10				.03	.34					
RIVERDALE	2.20	T	T		.03	T		.09	T				.43	.47	T				.04	.65	.20		T	.22				T					.07	
ROLLA	2.50							.22				.48	T		.03				.20	.22		.25	.10				.21	.76	.03					
RUGBY	2.73	.06			.11			.21		T		.45	.03	.80		.46			.03	.14		.16	.23						.03	.02				
RYDER	2.32							.01				.52	.13		.57	.44				.24									.12	.29				
SAN HAVEN	2.09	.01						.07	T			.44		.15		.15			T	.33		.04	.02						.93	.05				
SCRANTON	3.97				.55	.01	.10	.33			.01	.44	.22	.52	.48			.22	.01			.35							.71					
SELFIDGE 11 W	1.55					T	.04	.04	.08		.33	.05	.05	.15	T		.02	T			.02	.03	.03										.71	
SENTINEL BUTTE 20 S	2.79			.10	.27		.10						.12				.35	1.03											.26	.56				
SHARON	4.27	.04			.05			T				.14	.62		1.02			.05	.36		.04	.05	1.90											
SHERWOOD 3 N	2.27			.03								.44	.22	T		.28			.01	.38		.63					.03	.05	.20					
SHIELDS	2.53				.05		.10	.10				.87	.33	.44		.05	.02		.01			.35												
STANLEY	1.29	.04		.08				.11	.02	.26			.02	.26		.20			.20										.29	.26				
STEELE	1.84	.08	T	.02	.03	T	.02	.28	T				.10	.25		.08			.08			.33	.26						.39					
SYKESTON	3.02							.20	.89		T		.20	.89	.41	.91			.28	.03		T	.27						.03					
TAGUS	1.62	.05						.04	.17			T	.04	.17		.33			.17	.30		.06							.24	.26				
TIOGA	1.77	.10			.18	.17							.10			.12													.75	.35				
TOLLEY 5 NNE	-				.20	T		.15				.47	.13		T					.08														
TOWNER	2.14				.13			.03			T						.43																	
TROTTERS 6 WNW	2.24			T	.37	.09	.10						.72	.40		T		.72	.40		.46			.15										
TURTLE LAKE	2.83							.31				T	.70	.50		.16			.66	.02														
TUTTLE	1.34				.02			.19					.21	.34		.04			.17			.15	T											
UNDERWOOD	2.34							.09		.02			.25	.63	.04				.42	.23			.65											
UPHAM 3 N	2.46			T				.22		.01		.07	.05		.58			.06	.87		.01	.05							.42	.12				
VALLEY CITY	1.91	.02			.01								.25	.33	.67				.01			T												
VELVA	2.72							.59				.31	.01	.65		.35			.28	.27									.02	.06				
VERONA	1.24	.08						T					.02	.06		.06			.01	.50	T													
WAHPETON STATE SCHOOL	3.46		.17		T			.12	.03			.05	.12			.19		.78			.15		.46	.06		1.10								
WALHALLA	3.67							.17				.05	.12			.20			.56															
WARWICK	3.51	T						.08	.41			.14	.82	.48	.66				.58	.08		.14	.12											
WASHBURN	2.84				.02	T	.06	.20					.35	.51																				
WATAUGA 5 OAK 8 N	2.79						.31			.10	T	T	.25	.35		.13			1.16															
WATFORD CITY	2.12				.09	.42	.18						.11	.14				.34	.15															
WATFORD CITY 14 S	2.16			T	.19	.32	.08				T		.13	.22				.51	.44	.06														
WESTHOPE	2.98			T				.81		.01		.64	.03			.18			.08	.12		.18												
WILOROSE	2.33		.08		.06	.40	.11					.36				.03			.03															
WILLISTON W8 CITY	2.81	T			.49	.64	.04	T			T	.09	.01	T	T	T		.38	.09			.01	.04	T										
WILLOW CITY	2.09	T		T				.09		.15		.22	.22	T		.50			T	.35														
WILTON	2.56				.01		.16	.31			T		.25	.59		.04			1.04	T		.03	.04											
WISHEK	2.65											.14		.83	.25	.33						.23												
WOODWORTH 5 E	1.08							.10					.20	.13		.40						.20												
ZAHL	2.39			.02	.03	.65					T		.90	T		.08		T	.03	T		.07												

EVAPORATION AND WIND

Table 6

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total for ave	
DEVILS LAKE WB CITY	EVAP WIND	.18 30	.25 54	.14 16	.17 28	.11 31	.16 16	.07 31	.25 50	.20 33	.15 36	.07 36	.05 36	.04 23	.13 27	.17 28	.19 32	.07 31	.12 53	.11 18	.21 50	.13 67	.08 29	.23 32	.19 32	.23 19	.14 63	.18 63	.14 63	.20 16	.13 26	.17 16	.17 16	4.69 1129
DICKINSON EXP STATION (A)	EVAP WIND	.22 100	.29 95	.23 75	.32 120	.21 140	.18 170	.08 90	.16 60	.22 50	.23 110	.20 160		.12 90	.24 35	.07 85	.24 120	.24 150		.12 70	.14 70	.18 105	.26 255	.17 90	.16 45	.17 70	.23 155	* 160	.39 165	.14 95	.13 110	.12 60	5.588 3230	
EOGELEY EXP FARM	EVAP WIND	.22 29	.15 31	.21 24	.15 24	.26 57	.15 31	.17 17	.07 24	.24 41	.19 42	.26 49		.25 14	.14 28	.26 27	.19 27	.19 53	.23 53	.18 40	.25 55	.15 48	.22 58	.22 31	.18 78	.17 39	.16 78	.13 66	.31 66	.25 31	.25 35	.20 24	6.69 1275	
MANDAN EXP STATION (A)	EVAP WIND	.14 38	.25 94	.16 42	.17 91	.20 116	.14 100	.08 61	.10 37	.21 75	.23 116	.17 119	.13 107	.16 108	.10 50	.15 59	.22 138	.26 131	.07 80	.13 76	.16 87	.26 253	.15 95	.15 43	.18 65	.21 138	.23 224	.10 173	.19 70	.17 71	.13 31	.16 77	5.16 2965	
RIVERDALE	EVAP WIND	.29 62	.33 89	.23 46	.28 95	.19 114	.12 113	.20 130	.20 47	.30 77	.18 109	.20 153	.35 44	.13 44	.23 113	.28 42	.16 121	.38 140	.22 111	.23 76	.25 123	.49 264	.25 109	.21 72	.26 63	.33 221	.38 278	.11 202	.35 70	.21 96	.13 74	7.96 3566		

DAILY TEMPERATURES

NORTH OAKOTA
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Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	84	81	88	78	69	73	85	90	82	78	85	85	78	84	78	74	63	76	80	88	83	79	90	94	88	75	80	78	82	83	97	81.5
	MIN	57	55	60	56	55	55	59	55	50	50	52	58	61	55	55	52	51	50	48	50	61	59	52	54	61	58	58	52	49	59	62	55.1
AMENIA	MAX	80	79	86	76	77	81	75	89	79	72	76	83	82	88	82	72	79	79	81	85	82	84	89	91	85	80	86	83	78	78	90	81.5
	MIN	54	56	57	54	51	50	61	57	57	45	42	55	60	64	58	48	46	55	50	57	64	63	56	59	65	61	65	54	49	45	49	55.1
AMIDON	MAX	81	80	81	89	72	71	76	77	83	80	75	86	84	80	92	81	79	70	77	80	79	74	79	87	87	85	79	77	74	80	87	80.1
	MIN	53	53	60	55	55	53	53	54	52	52	49	51	55	44	53	52	50	44	42	49	56	51	54	60	59	59	50	50	51	56	63	52.8
ARVILLA STATE PARK	MAX	78	78	80	78	77	80	75	86	81	72	72	86	79	82	79	75	66	74	79	85	82	77	87	90	86	76	80	77	76	78	91	79.4
	MIN													59	52	59	44	38	52	41	48	65	63	54	60	57	55	64	46	46	42	49	
ASHLEY	MAX	85	75	85	81	74	75	77	85	76	71	80	83	79	83	81	72	75	77	70	86	82	80	87	94	88	74	82	88	73	82	95	80.5
	MIN	52	51	57	59	52	54	55	50	51	47	49	58	60	57	56	51	51	50	47	53	61	65	53	58	64	63	63	47	51	56	56	54.7
BEACH	MAX	85	82	82	88	71	72	79	79	84	73	78	88	88	79	86	80	70	69	74	79	85	72	76	84	89	84	79	78	74	82	89	79.9
	MIN	51	50	51	58	57	56	54	49	49	53	53	58	57	51	53	56	52	45	49	53	55	52	50	51	57	59	49	46	49	59	61	53.0
BELCOURT INDIAN RES	MAX	75	75	73	72	67	73	76	78	71	65	64	81	76	77	73	67	68	71	73	79	78	75	82	83	71	67	74	69	73	79	89	74.0
	MIN	46	49	46	54	48	49	58	47	55	40	46	48	49	55	50	40	47	49	42	52	61	52	46	49	52	47	58	44	43	46	60	49.3
BELFIELO	MAX	79	81	84	78	70	73	78	84	82	76	88	86	77	81	76	72	68	73	77	86	81	76	84	89	82	73	78	78	82	87	98	79.9
	MIN	55	59	60	57	54	55	54	45	47	46	56	56	56	53	51	48	45	48	50	52	61	50	51	48	56	53	51	46	48	55	65	52.6
BEULAH	MAX	84	85	81	84	74	70	82	82	80	82	75	86	81	79	83	74	74	63	73	78	85	80	77	91	90	85	78	78	79	79	88	80.0
	MIN	51	51	58	55	53	56	59	50	50	50	51	55	59	55	56	50	52	48	49	52	55	59	49	48	51	59	55	47	41	48	59	52.6
BISBEE	MAX	75	75	77	74	68	76	77	78	70	67	65	84	74	78	74	68	69	72	78	82	78	78	87	85	74	70	75	70	75	80	91	75.6
	MIN	52	51	54	57	50	59	60	55	55	43	49	57	57	55	54	44	47	51	49	57	65	59	57	57	55	54	61	49	48	50	57	50.8
BISMARCK WB AP	MAX	84	80	83	75	70	75	78	86	76	70	83	85	77	84	79	73	66	75	80	89	84	77	89	93	85	77	82	81	80	84	98	80.6
	MIN	55	60	59	58	55	59	60	52	54	48	51	58	60	56	60	53	53	50	50	53	61	60	52	53	65	62	57	49	52	55	60	55.8
BOTTINEAU	MAX	78	76	76	77	74	68	77	81	79	71	67	68	82	79	78	74	68	69	71	75	82	80	78	85	83	70	71	75	70	76	82	75.5
	MIN	48	45	50	58	51	55	59	49	52	45	49	49	53	52	53	45	50	45	45	45	61	51	48	54	48	50	55	48	48	53	58	50.7
BOWBELLS	MAX	79	80	77	77	73	67	81	83	79	73	70	75	84	82	81	75	68	74	72	76	83	79	78	88	84	69	67	75	69	80	88	77.0
	MIN	44		52	55	50	55	55	50	49	48	48	52	51	49	51	49	50	50	45	51	56	49	50	49	54	49	52	46	40	52	60	50.4
BOWMAN COURT HOUSE	MAX	83	84	90	88	76	75	77	85	82	81	87	87	85	85	84	80	70	75	80	87	83	77	86	95	92	85	78	78	80	87	98	83.2
	MIN	52	51	60	57	55	54	53	50	52	53	51	55	57	53	57	53	51	42	48	50	57	50	47	52	58	60	49	52	51	55	61	53.1
BUTTE	MAX		80	77	80	73	70	80	77	81	71	69	77				80	67	65	73	75	84	83	77	85	85	76	76	78		77	84	77.1
	MIN		55	54	57	51	57	60	57	53	47	47	47	53			47	51	49	48	53	59	58	55	55	55	57	59	50		45	59	53.5
CARRINGTON	MAX	81	82	83	79	74	70	76	77	83	74	71	75	83	72	82	82	68	65	75	77	84	82	84	87	88	67	77	76	72	82	88	78.0
	MIN	56	50	57	51	48	52	57	56	51	46	40	50	60	54	62	45	46	48	42	55	61	58	55	53	57	57	60	61	60	49	53	53.2
CARSON NO 2	MAX	83	80	85	77	69	73	81	85	88	80	85	83	77	84	80	70	64	75	75	88	83	77	89	93	86	82	78	79	80	84	98	81.0
	MIN	57	58	58	59	55	57	57	54	60	50	51	58	61	57	55	51	51	47	49	51	63	58	57	53	61	60	59	54	56	55	64	56.0
CAVALIER	MAX	78	78	77	76	74	78	76	84	78	70	72	82	81	81	76	72	69	72	77	84	82	75	86	86	84	72	81	77	74	80	89	78.1
	MIN	57	53	52	54	53	51	61	52	58	44	42	53	57	58	51	43	42	53	52	49	65	63	54	56	56	51	59	49	52	51	51	53.0
CENTER	MAX	83	77	87	75	69	78	80	82	76	72	82	84	75	82	75	73	64	73	80	86	84	77	87	90	85	74	79	75	82	84	99	79.6
	MIN	49	54	55	55	53	55	58	48	50	45	50	55	59	55	55	50	50	48	50	50	57	57	50	49	60	59	58	45	44	48	55	52.5
COOPERSTOWN	MAX	78	78	84	75	74	79	78	84	76	73	67	85	82	82	80	71	72	74	78	85	84	84	86	87	83	79	80	79		80	91	79.6
	MIN	52	52	51	55	51	52	60	54	51	41	46	54	59	59	59	45	45	51	47	59	65	65	53	61	59	57	63	50		47	53	53.9
CROSBY	MAX	77	78	77	72	69	77	78	79	74	75	78	81	77	80	76	73	74	73	78	85	80	78	87	86	80	70	74	72	79	91	94	78.1
	MIN	54	54	54	54	51	55	53	54	50	50	50	56	53	52	53	51	52	50	45	55	65	48	49	48	54	51	54	47	42	52	54	51.9
DEVILS LAKE WB CITY	MAX	80	75	79	75	71	75	76	81	72	68	60	83	70	80	74	69	63	72	75	83	80	75	86	87	73	77	79	73	75			

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DAILY TEMPERATURES

NORTH DAKOTA
AUGUST 1954

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
GARRISON	MAX							80	79	84	78	71	80	85	77	82	74	70	64	78	85	82	78	77	87	80	79	77	78	77	80	84	78.6	
	MIN							60	52	49	48	50	54	59	55	55	48	49	49	48	54	56	54	53	58	57	57	57	47	47	54	56	53.0	
GRAFTON	MAX	80	78	81	79	77	77	76	85	82	73	72	80	78	82	78	75	63	73	75	84	83	75	87	88	84	73	83	81	74	77	89	78.8	
	MIN	57	53	52	57	51	50	61	52	57	43	41	53	59	57	57	45	46	53	49	50	65	65	55	59	59	54	62	52	51	50	52	53.8	
GRANO FORKS CAA AP	MAX	77	78	82	77	77	83	75	86	76	71	73	80	71	81	76	71	68	74	78	85	78	77	87	89	74	77	85	75	74	79	90	78.2	
	MIN	53	51	51	53	53	53	60	53	50	42	47	57	60	56	50	44	48	53	49	57	67	60	55	62	58	56	58	52	49	49	51	53.5	
GRANO FORKS UNIVERSITY	MAX	75	76	81	78	76	81	81	85	75	70	73	79	71	81	77	70	66	75	75	83	77	75	87	88	75	77	85	77	72	77	88	77.6	
	MIN	53	53	49	49	52	52	54	52	51	41	46	56	59	56	60	44	47	52	54	60	70	66	55	61	60	56	58	51	48	48	51	53.5	
GRANO RAPIOS 1 N	MAX	84	79	84	85	75	80	77	87	84	75	81	84	83	86	84	74	79	78	81	89	86	85	90	96	91	86	84	85	83	82	92	83.5	
	MIN	54	55	52	58	51	52	59	49	53	41	48	57	61	57	58	51	46	51	47	47	57	66	67	50	61	63	60	64	46	49	45	45	54.0
GRANVILLE	MAX	81	79	80	73	72	81	78	80	73	69	72	87	79	79	76	71	71	73	70		82	78	86	86	82	76	77	72	76	85	95	78.0	
	MIN	52	53	50	57	52	56	61	54	52	48	51	52	57	56	55	52	52	52	48		62	58	53	52	59	55	59	49	46	50	58	53.7	
GRENORA	MAX	77	84	82	73	70	76	72	79	76	77	76	79	76	81	75	73	70	74	81	86	82	78	81	90	80	70	75	71	80	92	93	78.4	
	MIN	48	58	60	55	53	56	50	49	52	51	50	51	54	51	51	51	50	47	45	54	50	49	52	51	56	52	51	52	44	53	63	51.6	
HANKINSON R R STATION	MAX	78	81	82	81	77		78	77	85	78	73	77	80	80	85	82	72	75	80	78	85	82	85	86	92	85	73	85	86	76	75	80.3	
	MIN	56	58	61	59	50		49	57	53	46	45	52	56	63	62	50	47	52	53	56	64	63	62	62	64	56	58	52	55	52	50	55.4	
HANNAH	MAX	76	75	73	71	68	69	74	79	71	64	70	82	76	77	74	68	68	73		80	76	75	82	83	80	67	75	70	74	79	82	74.4	
	MIN	50	46	49	51	46	49	58	51	54	36	44	50	54	53	52	36	47		44		56	58	53	52	53	49	59	50	45	51	56	50.1	
HANSBORO	MAX	76	76	73	64	74		73	79	65	68	83	77	74	72		68	70		72	81	76	77	84	82	66	68	76	69	75	80	90	74.5	
	MIN	48	49	52	47	48		59	53	39	47	51	54	53	51		39	46	42		46	50	65	56	53	55	53	50	59	48	46	50	54	50.4
HETTINGER	MAX	83	82	87	81	70	68	86	86	82	77	84	85	81	85	83	71	67	74	78	81	80	76	88	94	89	84	75	75	79	84	97	81.0	
	MIN	53	52	59	58	54	54		51	50	51	50	55	59	56	57	50	45	45		51	51	60	56	50	58	61	56	50	51	54	57	63	53.9
HILLSBORO	MAX	76	79	83	78	77	82	79	88	81	74	71	84	81	85	76	73	78	77	78	85	84	83	90	92	80	81	87	86	81	78	89	81.2	
	MIN	52	52	54	55	50	52	60	52	54	43	42	53	60	59	61	48	43	53	50	55	64	63	55	60	64	59	65	57	51	48	51	54.4	
JAMESTOWN CAA AP	MAX	84	76	82	73	72	77	77	86	79	71	80	82	79	84	79	70	77	77	80	87	83	80	89	90	83	80	82	81	79	82	91	80.4	
	MIN	52	55	55	55	51	53	57	52	52	42	47	57	61	55	54	51	47	51	49	55	65	59	54	58	62	61	54	51	50	49	52	53.7	
JAMESTOWN STATE HOSP	MAX	83		84	76	71	77	77	85	79	70	79	85	80	84	76	70	75	76	78	87	84	80	90	92	83	81	79	79	78	82	93	80.4	
	MIN	54	63	55	57	51	54	60	52	55	45	49	58	62	62	60	51	49	54	50	56	66	64	53	61	64	61	63	51	52	50	54	56.0	
KENMARE	MAX	78	79	78	80	73	69	79	83	80	73	70	77	87	85	80	75	70	73	73	79	85	78	78	89	86	71	71	76	70	79	89	77.8	
	MIN	53	55	53	55	52	55	55	53	50	48	50	52	53	51	53	50	50	50	46	50	55	52	52	50	54	50	50	48	42	53	60	51.6	
KENSAL WILOLIFE REFUGE	MAX	86	83	88	81	77	80	82	91	78	71	81	84	76	86	80	73	75	79	81	81	86	82	87	89	80	75	73	81	81	83	92	81.4	
	MIN	52	49	51	58	51																											54	
LANGOON EXP FARM	MAX	75	75	76	75	72	74	75	80	78	66	69	83	78	78	76	68	65	70	75	80	78	76	83	85	80	68	77	75	75	80	88	75.9	
	MIN	49	45	48	52	46	51	58	53	53	36	43	50	56	54	53	38	45	48	44	51	64	56	51	54	53	50	57	50	46	48	55	50.2	
LARIMORE	MAX	78	78	78	77	75	79	76	85	83	73	69	85	80	84	81	73	69	76	75	83	83	78	86	86	82	75	83	83	78	77	91	79.3	
	MIN	54	51	52	55	52	52	51	54	56	44	43	53	60	57	60	45	43	53	48	55	65	63	55	60	58	56	64	50	50	48	53	53.5	
LEEOS	MAX	79	75	79	76	71	75	78	80	73	69	68	83	74	80	77	72	67	72	76	82	80	80	84	87	82	76	77	75	76	82	92	77.3	
	MIN	54	50	53	56	49	53	63	55	54	43	47	50	55	55	54	45	44	48	48	52	65	58	56	53	56	53	56	49	45	52	55	52.5	
LINTON	MAX	87	79	88	82	78	75	81	88	78	77	83	86	82	85	84	75	75	80	78	88	84	80	88	95	90	80	84	85	85	85	96	82.5	
	MIN	52	52	58	62	56	59	60	49	52	50	52	66	63	55	61	53	54	47	45	52	62	59	48	55	65	65	61	48	57	60	58	56.0	
LISBON	MAX	84	84	83	81	72	78	76	85	85	76	77	83	83	86	86	80	76	78	80	87	85	83	86	94	93	83	83	83	82	76	76	89	82.5
	MIN	54	57	53	59	53	53	59	55	55	45	46	56	61	62	60	51	43	54	50	59	65	65	55	63	65								

DAILY TEMPERATURES

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Table 5-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX	92	80	84	75	70	71	79	84	83	72	85	85	80	84	84	74	68	74	78	85	81	75	87	93	85	73	78	75	80	85	99	80.6
	MIN		55	60	57	56	56	56	49	51	52	49	55	59	54	58	51	49	46	45	49	61	53	59	48	60	61	51	50	50	56	61	53.9
NEW SALEM 1 S	MAX	83	80	84	75	69	75	80	85	78	73	83	83	75	83	76	70	68	75	77	82	81	76	87	90	85	72	79	77	80	84	97	79.4
	MIN	57	63	58	55	52	57	57	54	54	40	49	57	58	56	58	50	45	47	50	49	64	58	55	58	59	51	58	52	49	52	67	54.5
NEWTOWN	MAX	82	80	85	78	72	79	81	82	78	75	83	89	80	84	82	71	70	72	80	86	84	80	89	90	78	78	78	76	79	88	100	80.9
	MIN	51	56	56	56	55	57	59	52	51	51	53	57	59	54	54	50	52	49	45	53	65	53	47	51	58	55	55	48	44	54	62	53.6
OAKES	MAX	75	81	76	81	75	73	78	75	85	78	71	78	81	80	85	83	71	79	77	78	88	85	85	87	93	88	72	82	86	78	79	80.1
	MIN	54	59	55	58	52	55	60	55	58	45	50	58	60	61	61	50	48	53	50	58	67	65	84	62	66	59	62	51	55	51	53	56.3
PARK RIVER	MAX	80	79	80	78	75	76	75	82	73	72	71	80	72	80	80	70	69	73	75	83	83	76	87	87	85	73	81	77	74	78	91	77.9
	MIN	54	54	52	56	53	51	61	52	57	44	40	50	60	59	64	45	45	52	49	51	65	64	56	63	57	54	61	53	52	51	52	54.1
PARSHALL	MAX	79	83	83	76	70	80	83	84	81	74	81	90	82	84	80	74	71	74	79	85	81	78	87	88	84	76	78	75	80	86	97	80.7
	MIN	52	53	55	56	52	53	53	41	46	50	53	59	57	55	52	50	52	48	45	53	63	52	47	63	58	54	55	45	44	55	62	52.1
PEMBINA 2 N	MAX	81	80	80	80	79	80	80	83	83	83	79	78	76	78	79	79	73	72	76	80	80	79	88	88	88	75	81	82	82	78	88	80.3
	MIN	52	51	49	47	49	49	61	52	52	46	49	54	54	66	63	53	51	61	57	60	68	62	61	59	54	51	57	54	60	55	52	55.1
PETERSBURG	MAX	80	79	80	78	75	85	74	84	79	81	65	82	79	80	79	71	67	73	76	82	80	75	84	86	79	73	80	75	78	87	88	78.5
	MIN	50	48	51	55	50	53	53	53	53	39	43	51	60	52	57	42	44	49	47	52	65	63	53	60	56	54	63	51	52	58	55	52.6
PETTIBONE	MAX	85	77	86	78	70	77	77	85	81	71	78	84	82	81	80	71	68	75	80	86	84	80	89	89	81	78	80	78	79	82	95	80.2
	MIN	52	57	56	56	52	55	60	52	51	40	50	55	61	57	58	49	50	49	47	56	64	59	52	60	60	59	58	51	49	51	55	54.2
PORTAL	MAX	71	74	75	76	72	65	78	78	76	73	70	75	82	79	80	74	68	73	70		82	75	76	85	83	67	67	73	67	79	89	75.1
	MIN	52	53	53	55	52	54	52	51	54	47	50	51	52	48	44	50	51	49	44	51	62	47	49	50	53	51	50	45	40	53	58	50.7
POWERS LAKE 1 N	MAX	77	70	78	71	67	76	80	79	75	78	83	82	78	80	76	75	73	72	76	83	78	76	88	86	77	71	69	68	78	86	96	77.5
	MIN	50	56	53	54	54	56	50	46	47	51	55	52	54	49	53	50	53	48	43	53	61	47	46	47	53	49	52	45	42	52	60	51.0
RAUB 10 SSW	MAX	83	80	84	73	69	82	83	85	79	75	84	88	78	83	78	76	69	74	80	87	85	78	88	89	82	75	78	74	78	88	100	80.8
	MIN	56	56	59	57	54	56	55	55	57	51	56	58	61	57	53	50	52	50	51	54	63	56	55	55	58	58	57	48	52	48	65	55.3
RICHARDSON ARBEY	MAX	83	81	87	73	70	73	80	85	79	75	85	85	82	82	75	73	67	73	79	86	82	75	87	89	85	78	77	75	82	85	97	80.2
	MIN	52	57	60	55	55	56	58	54	55	52	52	57	57	58	56	50	50	48	52	51	59	56	53	52	59	57	56	52	51	58	64	54.9
RIVERDALE	MAX	81	83	79	84	73	70	80	78	84	76	72	81	85	76	81	76	71	63	73	78	85	81	77	87	87	81	76	78	75	78	85	78.5
	MIN	56	59	56	55	52	57	60	54	56	47	52	56	56	59	57	49	51	51	50	55	61	57	55	56	59	57	60	54	48	55	58	55.1
ROLLA	MAX	76	75	73	72	68	73	72	77	70	64	65	81	75	77	72	67	69	69	70	80	75	75	83	83	70	66	75	69	74	80	90	73.7
	MIN	54	51	51	53	48	51	59	56	47	41	46	49	55	56	49	41	46	51	48	50	60	55	52	59	52	48	58	47	46	49	55	51.1
RUGBY	MAX	80	77	79	75	74	78	78	80	79	70	67	85	80	82	80	77	69	72	78	82	82	81	86	87	83	77	78	78	77	84	94	79.0
	MIN	55	51	54	57	52	56	61	56	53	46	52	52	58	56	56	47	51	50	49	55	64	59	53	52	57	54	59	50	45	54	58	53.9
SAN HAVEN	MAX	75	74	72	72	68	75	78	77	73	67	64	82	75	77	74	66	68	71	73	80	79	75	83	84	78	64	75	74	74	81	90	74.8
	MIN	53	50	54	56	52	55	59	55	56	45	49	53	55	56	54	45	50	49	48	56	62	55	48	58	55	49	60	48	49	52	57	53.0
SHARON	MAX	77	77	84	82	74	78	75	84	78	69	65	82	79	82	77	70	67	72	77	82	79	76	84	87	80	80	75	76	75	77	88	77.7
	MIN	52	50	52	55	51	52	61	55	54	43	45	54	60	60	59	47	45	50	49	55	65	63	54	54	57	55	53	52	50	50	57	53.5
STANLEY	MAX	78	77	80	73	67	81	81	80	77	71	81	89	83	83	80	73	72	72	80	85	78	77	90	87	83	78	75	78	79	89	99	79.9
	MIN	50	55	52	54	53	55	53		51	48	52	55	48	45	52	43	45	61	50	49	52	54	51	52	52	42	52	52	42	49	59	51.2
STEELE	MAX	82	79	85	78	72	78	78	84	81	74	78	82	81	84	82	74	68	76	81	86	84	78	85	91	87	80	80	80	80	82	93	80.7
	MIN	52	55	56	55	50	53	59	53	51	44	50	55	60	54	58	48	49	47	47	50	60	58	52	57	60	55	60	52	48	53	57	53.5
TOWNER	MAX	80	78	68	80	73	78	80	82	76	68	69	85	73	82	76	69	70	73	77	84	83	88	85	88	78	67	78	76	77	84	94	78.0
	MIN	50	48	49	54	48	51	59	51	51	43	48	48	53	52	53	42	48	48	53	50	60	54	48	50	59	51	50	49	41	48	56	50.5
TURTLE LAKE	MAX	81	79	84	77	73	80	77	84	81	79	80	83	81	83	81	70	69	79	79	85	84	81	87	87	79	72	79	76	80	84	96	80.3
	MIN	56	56	58	55	52	57	59	55	52	47	50	53	58	58	57	49	51	48	54	65	58	54	54	54	59	57						

NORTH DAKOTA
AUGUST 1954

1 DRAINAGE CODE: 1. Cañonball 2. Devil's Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri 8. Missouri 9. Rushing 10. Red 11. Shewannaw 12. Souris 13. Yellowstone

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Q Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

+ And also on a later date or dates.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

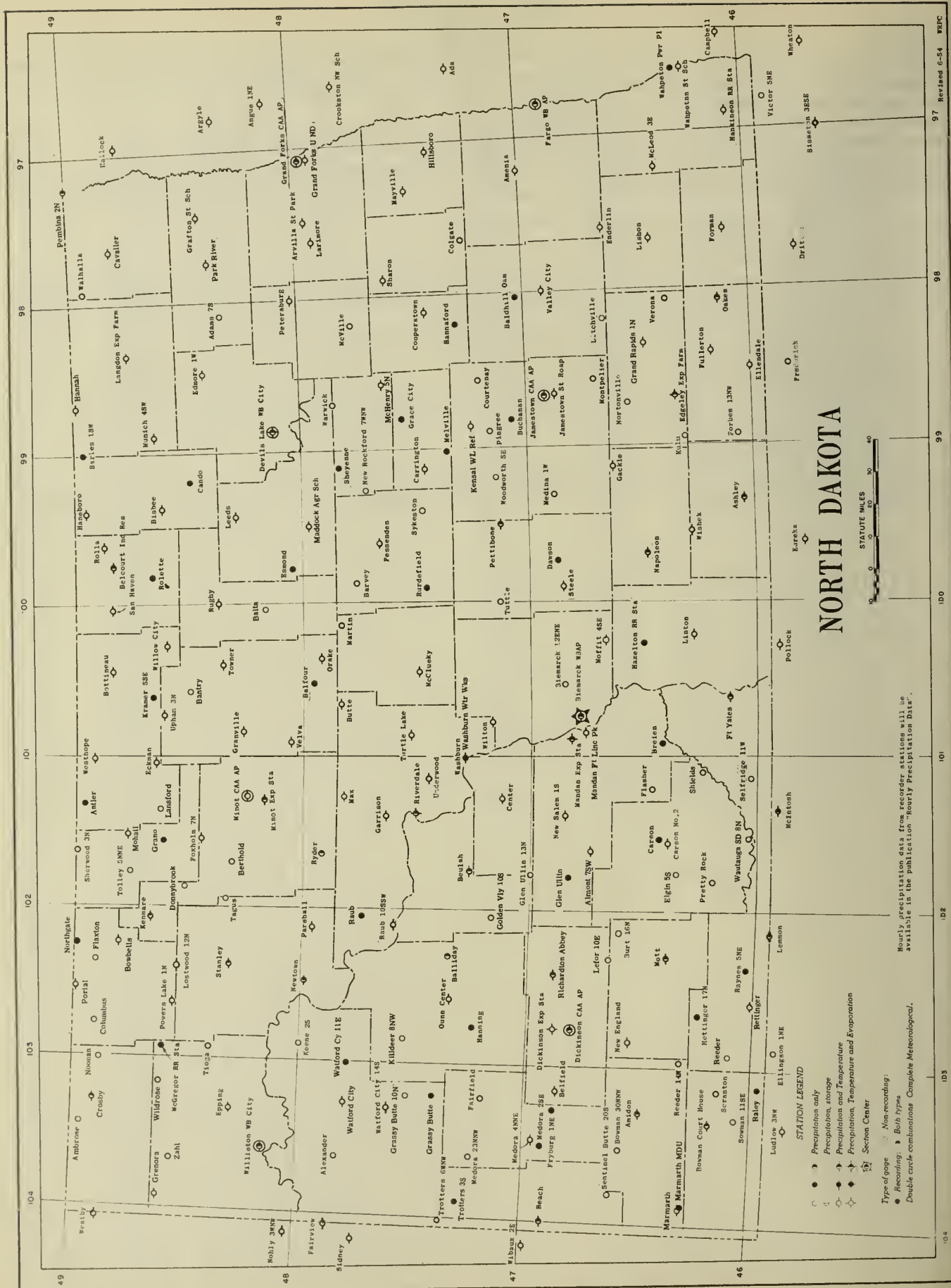
T Trace, an amount too small to measure.

V Includes total for previous month.

SS This entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per copy; monthly and annual, \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

WRPC, Kansas City, Mo. -- 10-13-54 -- 880



NORTH DAKOTA

STATUTE MILES
0 20 40

- STATION LEGEND**
- Precipitation only
 - Precipitation, storage
 - ◆ Precipitation and Temperature
 - ◇ Precipitation, Temperature and Evaporation
 - ⊙ Section Center

Type of logs: ● Non-recording;
○ Recording; ◆ Both types

Double circle combinations: Complete Meteorological.

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

57.85
UNNT
Cop. 2

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

NOV 29 1954
UNIVERSITY OF ILLINOIS

CLIMATOLOGICAL DATA

NORTH DAKOTA

SEPTEMBER 1954

Volume LXIII No. 9



NORTH DAKOTA - SEPTEMBER 1954

WEATHER SUMMARY

September averaged wetter and cooler than normal in most sections of the State, resulting in unfavorable harvesting weather, especially in the northern and central counties. Only the southwestern, and a few east-central counties had precipitation below normal. Killing frost occurred at most stations in the western and southern sections of the State on the 21st.

The mean temperature for the State was 55.4° which is 1.7° below normal. The eastern division averaged 56.2° or 1.3° below normal; the middle division averaged 55.1° or 1.9° below normal and the western division averaged 54.8° which is 2.0° below normal. The highest temperature for the month was 93° which was recorded at Forman on the 26th. The lowest was 18° at the Theodore Roosevelt National Park at Medora on the 21st. The highest mean temperature for the month was 60.0° at Fort Yates and the lowest mean temperature was 50.7° at the Belcourt Indian Reservation.

Precipitation over the State averaged 3.04 inches which is 1.51 inches above normal. The eastern portion had 3.03 inches which is 1.14 inches above normal; the middle section had 3.47 inches which is 2.04 inches above normal; and the western section had 2.59 inches which is 1.33 inches above normal. Several stations reported traces of snowfall during the month.

Harvesting made fair progress but it was delayed considerably by wet weather in all but the southwest part of the State. In the northern and eastern sections heavy rain fell on the 5th-6th and on several days during the middle of the month. Over four inches of rain fell at most stations in Pembina, Bottineau, McHenry, Ward, Mountrail, Renville, Burke, Divide and Williams counties. Parts of Slope, Bowman and Adams counties reported less than a half inch for the month. The most favorable temperature and precipitation conditions occurred in the Red River Valley where minimum temperatures were higher and precipitation was mostly light. It was warm at the beginning of the month and from the 23rd to 27th while the remainder of the month averaged below normal in temperature. Frost, which damaged gardens and some flax and corn, occurred on the 21st. Grain condition declined during September due to rust and late in the month the wet weather caused some discoloration, loss of test weight and sprouting of grain in the swath in the north-central sections. Production of all wheat was expected to be the smallest since 1938. Fall grazing conditions were above average at the close of the month with livestock in good condition. There were no severe storms reported in North Dakota during September.

F. J. Bavendick

NORTH DAKOTA
SEPTEMBER 1954

Table 1

SEPT EMBER

AVERAGES FOR THE PERIOD 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

TABLE 2

See reference notes following Station Index.

CLIMATOLOGICAL DATA

NORTH DAKOTA
SEPTEMBER 1954

TABLE 2 - CONTINUED

Station	Temperature													Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										90° or Above	32° or Below	32° or Below	31° or Below					Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
MC LEOD 3 E	69.4	47.2	58.3	- 1.3	87	1	27	22	209	0	0	1	0	3.39	1.36	1.21	9	0.0	0	0	5	3	2
MUNICH 4 SW	63.0	43.3	53.2		83	1	31	22	355	0	0	1	0	4.01		1.44	16	0.0	0	0	7	3	1
OAKES	68.7	47.0	57.9	- 1.1	90	1	28	22		1	0	1	0	2.41	0.65	1.03	14	0.0	0	0	5	2	1
PARK RIVER	66.2	46.0	56.1	- 0.8	89	1	32	22	276	0	0	1	0	3.89	1.74	1.64	16	0.0	0	0	6	3	1
PEMBINA 2 N	68.4	45.2	56.8	2.3	88	1	30	22	258	0	0	1	0	3.37	1.19			0.0	0	0			
PETERSBURG	63.6	44.0	53.8		87	1	30	30	338	0	0	2	0	3.08	1.11	0.93	16	0.0	0	0	6	3	0
SHARON	64.4	45.0M	54.7M	- 2.7	84	1	32	20+	309	0	0	2	0	2.38	0.33	0.95	9	0.0	0	0	4	2	0
VALLEY CITY	68.4	46.8	57.9	- 0.9	89	1	27	22	226	0	0	1	0	2.57	0.78	0.94	14	0.0	0	0	2	0	0
WAHPETON STATE SCHOOL	69.6	48.8	59.2	- 0.8	87	1	30	22	184	0	0	1	0	3.77	1.55	1.49	9	0.0	0	0	6	2	2
DIVISION			56.2	- 1.3										3.03	1.14			T					
MIDDLE DIVISION																							
ASHLEY	67.8M	47.4M	57.6M	- 0.3			30	22	231	0	0	2	0	2.51	1.04	0.97	13	0.0	0	0	5	2	0
BELCOURT INDIAN RES	61.0M	40.3M	50.7M		80	1	24	22	425	0	0	3	0	3.62		1.32	6	T	0	0	6	4	1
RISBEE	62.7	43.8	53.3	- 3.4	80	1	31	21+	352	0	0	2	0	2.92	1.23	1.17	16	0.0	0	0	4	2	1
BISMARCK W8 AP	68.2	45.3	56.8	- 1.7	85	26	30	21	251	0	0	1	0	2.69	1.26	1.16	13	0.0	0	0	4	2	2
#ROTTINEAU	63.3	42.3	52.8	- 2.7	92	1	27	21		1	0	3	0	3.51	1.92	1.31	6	T	0	0	5	2	1
RUTTE	65.2	44.4	54.8	- 2.7	95	1	30	21		1	0	1	0	3.73	2.25	1.85	14	0.0	0	0	7	2	1
CARSON NO 2	68.4M	44.7M	56.8M	- 1.3	88	25	26	21	250	0	0	1	0	1.65	0.21	0.52	8	0.0	0	0	5	1	0
CENTER	67.9M	42.2	55.1M	- 3.0	85	1+	25	21	294	0	0	2	0	3.73	2.37	1.51	13	0.0	0	0	6	2	2
ORAKE	65.3	44.3	54.8	- 2.8	93	1	29	21		1	0	2	0	4.04	2.61	1.54	14	0.0	0	0	6	3	2
ECKMAN	65.1	41.1	53.1	- 2.6	95	1	25	21		1	0	3	0	5.08	3.58	1.75	6	0.0	0	0	6	5	2
FESSENDEN	65.8	43.8	54.8	- 1.8	84	1	29	22	308	0	0	2	0	3.55	2.04	1.02	14	0.0	0	0	7	3	1
FORT YATES	73.1	46.8	60.0	- 0.2	97	1	30	21+	168	1	0	2	0	1.17	0.28	0.46	3	0.0	0	0	3	0	0
FOXHOLM 7 N	67.0	43.0	55.0	- 1.2	98	1	29	22+	305	1	0	3	0	4.48	2.93	1.13	16	0.0	0	0	7	3	2
GARRISON	69.5M	44.1	56.8M	- 0.9	97	1	27	21		1	0	1	0	3.45	1.99	1.48	14	T	0	0	5	3	1
GRANVILLE	65.6M	43.7M	54.7M	- 1.2	87	1	29	21	312	0	0	3	0	5.07	3.51	2.40	16	T	0	0	7	4	1
HANSBORO	61.2M	42.1M	51.7M	- 2.5	79	1	30	22	395	0	0	2	0	3.01	1.15	0.95	6	0.0	0	0	6	2	0
LEEOS	64.1	42.8	53.5		87	1	29	21	346	0	0	2	0	3.41		1.37	16	T	0	0	6	3	1
LINTON	71.3	46.0	58.7	- 1.1	91	1	29	21	197	1	0	1	0	2.36	0.79	0.96	13	0.0	0	0	4	2	0
MADDOCK AGR SCHOOL	66.3	43.9	55.1	- 1.8	86	1	29	21+	296	0	0	2	0	3.14	1.48	0.80	16	0.0	0	0	8	2	0
MANDAN EXP STATION	68.3	45.8	57.1	- 1.5	97	1	29	21		1	0	1	0	3.17	1.66	1.35	14	0.0	0	0	6	2	2
MANDAN FT LINCOLN PARK	70.6	43.4M	57.0M		93	1	28	21	241	1	0	2	0	3.55		1.43	8	0.0	0	0	6	2	2
MAX	65.9	43.0	54.5	- 2.1	96	1	27	21		1	0	2	0	3.22	1.83	1.22	14	0.0	0	0	4	3	1
MC CLUSKY	65.4	43.5M	54.7M	- 2.5	92	1	27	21	311	1	0	1	0	3.79	2.42	1.38	13	0.0	0	0	7	3	2
MINOT CAA AP	63.5	43.4	53.5	- 2.4	82	26	30	21+	344	0	0	2	0	5.72	4.12	2.08	16	T	0	0	5	3	2
MINOT EXP STATION	65.1	43.1	54.1		96	1	28	21		1	0	2	0	6.19		1.94	16	0.0	0	0	6	4	3
MOFFIT 4 SE	70.3	45.5	57.9		93	1	32	21+	221	1	0	2	0	3.42		1.56	13	0.0	0	0	8	1	1
MOHALL	65.4	41.9	53.7	- 1.2	93	1	25	30	343	1	0	3	0	4.54	2.98	1.75	6	0.0	0	0	8	4	1
NAPOLEON	68.6	46.0	57.3	- 0.2	90	1	30	21	235	1	0	2	0	2.58	1.12	0.91	13	0.0	0	0	6	3	0
NEW SALEM 1 S	67.2	43.3	55.3	- 3.0	85	26	25	21	287	0	0	2	0	2.37	1.06	1.03	13	0.0	0	0	5	2	1
PETTIBONE	67.4	44.8	56.1	- 0.5	91	1	30	30	273	1	0	3	0	3.64	2.30	1.08	14	0.0	0	0	7	2	1
RIVERDALE	66.6	45.5	56.1		98	1	33	21		1	0	0	0	3.49		1.51	14	0.0	0	0	5	3	1
ROLLA	61.3	41.9	51.6	- 3.5	80	1	30	21	400	0	0	2	0	3.28	1.53	0.98	6	T	0	0	6	3	0
RUGBY	66.1	44.9	55.5		92	1	30	21	289	1	0	1	0	3.09	1.41	1.41	16	0.0	0	0	7	2	1
SAN HAVEN	63.4	43.7	53.6	- 1.4	94	1	30	21	348	1	0	3	0	3.31	1.64	1.30	6	T	0	0	5	3	2
STEELE	70.0	44.4	57.2	- 0.5	91	1	28	21	240	1	0	2	0	3.05	1.52	1.40	13	0.0	0	0	7	1	1
TOWNER	66.3	40.0M	53.2M	- 3.7	90	1	25	21	353	1	0	3	0	3.87	2.15	1.93	16	0.0	0	0	5	3	1
TURTLE LAKE	68.1	44.4	56.3	- 1.2	95	1	29	21	269	1	0	2	0	3.33	2.06	1.45	13	0.0	0	0	7	2	1
UNDERWOOD	67.1	43.0	55.1		98	1	29	21		1	0	2	0	3.46		1.43	14	0.0	0	0	5	2	1
UPHAM 3 N	65.8	42.0	53.9		89	1	25	21	333	0	0	3	0	3.26		1.06	16	T	0	0	6	3	1
VELVA	65.7	44.1	54.9	- 2.3	92	1	30	21	306	1	0	2	0	3.69	2.13	1.11	13	0.0	0	0	6	4	1
WASHBURN	68.8M	44.6	56.7M	- 2.6	94	1	28	21	250	1	0	1	0	2.90	1.63	1.04	13	0.0	0	0	5	2	1
WESTHOPE	62.8	41.7	52.3	- 3.3	79	26	26	21+	374	0	0	2	0	4.07	2.62	2.04	6	0.0	0	0	4	3	1
WILLOW CITY	64.4	42.7	53.6	- 1.1	80	1	28	21+	340	0	0	3	0	2.92	1.27	1.23	16	0.0	0	0	5	3	1
WILTON	66.8	43.2	55.0	- 2.3	89	1	27	21	300	0	0	1	0	3.20	1.95	1.33	13	0.0	0	0	5	2	1
WISHEK	68.8M	44.4M	56.6M	- 0.6	92	1	29	21	246	1	0	2	0	3.92	2.47	0.96	6	0.0	0	0	8	4	0
DIVISION			55.1	- 1.9										3.47	2.04			T					
WESTERN DIVISION																							
ALMONT 7 SW	68.8	45.3	57.1		87	26	31	21	244	0	0	1	0	1.									

NORTH DAKOTA
SEPTEMBER 1954

[illegible]

See reference notes following Station index.

NORTH DAKOTA
SEPTEMBER 1954

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ROCKFORD 7 WNW	3.22			.08			.22		.10	.67				.10	.64		.75	T	.20		T								.10	.36	T	
NEW SALEM 1 S	2.37			.02	T	T	.11			.88		T		T		.13		.13		.05												
NEWTOWN	4.77						.67			.03			.02	1.60	.13		1.38	.66			.07								T			
NODMAN	4.03						1.10		.03	.14				.97	.24		.96	.05	.37											.18	.04	
NORTONVILLE	3.52			.55	.30		.38		.17	.61				1.05	.39	.07																
OAKES	2.41				.16		.56			.42				1.03	.02		.06	.02	.47											.02	.74	.15
PARK RIVER	3.89						.54		.01	.81							1.64	.10	.47		T	.06										
PARSHALL	6.56					.04	1.60		.01	.06			.04	1.78	.08		2.50	T	.45		T									T		
PEMBINA 2 N	3.37		.06				.25			.05							*	1.67	.74							T				.38	.15	
PETERSBURG	3.08						.55			.74					.15	.04	.93		.65		.03										.19	
PETTIBONE	3.64					.05	.48		.25	.25				.39	1.08		.06	.73												.85		
PINGREE	2.64						.53		T	.38		.02		.31	.22	.05	.03													.10		T
PORTAL	4.19						1.14		.06	.11				.68			1.50	.06	.42		.06									.01	.15	
POWERS LAKE 1 N	4.19				.10		.19		.16	.11			.03	1.50	.08		.65	.03	.47		.07								.02	T	T	
PRETTY ROCK	1.45			.50			.31		.54	.02			.02	.03	T	.02	.01													T	T	
RAUB 10 SSW	2.41					.03	.25							1.59	.05		.74	T														
REDFORD	3.30						.23		T	.02			T	.02	T	.05		.07	.03													
REFORD 14 N	.42				T	.05	.23		T	.02				.45	.06	.02	.14	.07	.04		T											
RICHARDTON ABBEY	.92				T	T	.10		.09	T			T				.62	.07	.07		.03	T	T									
RIVEROALE	3.40						.28			.79	T			.73	1.51	T															T	
ROLLA	3.28		T				.98				.16																					

Station		Day of month																															Total for A
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEVILS LAKE WB CITY	EVAP WINO	.38 83	.19 88	.08 24	.18 53	.17 42	.17 95	.12 61	.02 29	.05 33	.11 24	.13 27	.15 65	.14 75	.05 47	.03 37	- 65	- 37	.06 53	.09 75	.09 106	.10 88	.10 28	.06 31	.11 29	.11 53	.09 26	.16 57	*	*	.10 43	3.26 1639	
DICKINSON EXP STA	(A) EVAP WINO	.30 165	.27 105	.14 75	.16 165	.17 120	.12 180	*	*	.41 60	.08 40	.17 75	.15 145	.03 255	.10 75	.00 125	.06 175	.09 50	.10 115	.15 85	.19 175	.19 215	.07 15	.19 110	.14 75	.10 80	.12 40	.18 90	.19 120	.12 170	.07 100	3.87 3440	
EDGELEY EXP FARM	EVAP WINO	.26 66	.33 74	.21 75	.04 43	.10 37	.18 118	.24 74	.15 61	.01 35	.15 24	.18 18	.09 98	.06 66	.01 49	.02 86	.01 49	.00 81	.00 53	.01 79	.16 61	.14 51	.14 69	.13 29	.18 57	.09 37	.15 35	.16 39	.25 46	.06 27	* 66	.16 45	3.72 1635
MANOAN EXP STATION	(A) EVAP WINO	.29 161	.33 135	.12 65	.09 42	.16 163	.10 212	.33 156	.12 51	.05 101	.06 42	.10 55	.18 205	.09 217	.05 99	.07 125	.08 212	.02 56	.04 115	.14 106	.15 115	.20 233	.09 49	.11 67	.08 98	.11 72	.09 42	.14 82	.14 88	.16 205	.09 136	3.80 3505	
RIVERDALE	EVAP WINO	.40 159	.44 184	.24 91	.24 146	.31 108	.26 211	.22 163	.10 80	.11 94	.12 43	.21 81	.23 221	.16 213	.09 175	.14 139	.16 227	.08 87	.04 113	.19 141	.25 125	.21 210	.17 82	.23 142	.20 68	.06 66	.45 87	.17 113	.17 186	.15 126	.06 126	5.69 3920	

See reference notes following Station Index.

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
SEPTEMBER 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	83	76	69	81	72	72	68	53	72	77	77	68	60	62	62	59	55	68	70	59	63	75	68	76	82	87	75	76	50	50	68.8	
	MIN	59	49	55	55	49	52	35	47	49	45	49	52	49	49	46	49	42	46	47	41	31	38	38	41	50	45	38	43	38	36	45.3	
AMENIA	MAX	86	70	70	81	71	75	63	61	65	72	71	72	65	56	55	59	59	67	70	60	56	65	77	74	78	78	72	72	68	52	68.0	
	MIN	64	58	41	57	49	57	48	38	52	43	46	54	51	45	46	50	52	53	46	41	36	26	46	49	43	46	51	38	47	38	47.0	
AMIOON	MAX	97	77	75	68	75	68	69	67	57	72	75	77	71	58	69	54	63	55	65	66	52	66	80	70	74	82	85	76	62	44	69.0	
	MIN	51	44	51	51	48	46	36	46	41	42	48	53	49	47	45	45	38	45	38	37	25	38	41	47	49	48	43	46	36	29	43.3	
ARVILLA STATE PARK	MAX	84	74	77	83	81	71	63	60	68	67	69	67	59	56	52	55	57	64	66	58	55	65	69	72	75	78	69	71	63	50	66.6	
	MIN	62	44	34	53	35	49	43	33	47	43	40	47	45	43	42	45	48	49	45	34	38	24	38	42	42	36	47	38	43	32	42.0	
ASHLEY	MAX	85	73	65	82	71	72	66	59	67	74	76	70	60	54	55	61	60	69	73	64	58	70	75								67.8	
	MIN	62	50	52	54	55	56	39	47	49	47	48	52	49	45	44	49	45	51	43	45	31	30	47								47.4	
BEACH	MAX	96	78	74	72	75	65	67	67	59	75	74	77	67	56	64	54	64	54	66	69	52	64	82	63	74	79	84	75	56	43	68.2	
	MIN	48	41	43	51	52	47	37	39	40	40	41	51	49	49	49	48	42	47	41	39	24	25	41	38	47	40	35	36	36	33	41.5	
BELCOURT INOIAN RES	MAX	80	68		74	59	60	64	58	67	70	61	59	55	57	50	50	52	61	65	50	55	61	68	70	71	73	66	51	45	48	61.0	
	MIN	53	45		52	40	44	36	37	43	43	41	45	39	42	40	43	43	44	42	35	30	24	34	43	41	35	47	42	39	32	40.3	
BELFIELD	MAX	80	78	71	74	73	72	69	59	72	76	74	72	73	76		63	55	65	68	65	65	77	67	74	77	83	76	63	43	46	69.2	
	MIN	55	42	51	49	46	42	35	47	42	40	40	39	41	46	46	41	40	42	37	39	23	31	37	40	47	38	36	38	35	31	40.4	
BEULAH	MAX	97	82	75	71	77	69	68	68	57	70	72	73	64	64	53	62	55	55	66	67	48	59	72		74	78	84	74	67	43	67.7	
	MIN	52	47	48	55	50	49	34	35	47	42	45	49	49	45	44	44	44	46	38	38	24	27	37		38	34	37	40	38	35	41.8	
BISBEE	MAX	80	65	71	77	65	59	63	60	67	68	66	65	56	58	53	50	54	63	66	61	55	62	70	70	71	74	61	55	48	48	62.7	
	MIN	56	49	41	59	44	48	39	39	45	47	48	48	43	44	43	46	48	48	43	37	31	31	39	46	48	41	43	42	41	36	43.8	
RISMARCK WB AP	MAX	84	74	72	82	72	73	67	53	71	75	75	67	57	55	60	61	58	69	72	54	60	73	70	78	80	85	75	79	50	46	68.2	
	MIN	59	51	53	55	50	49	37	46	50	46	48	53	49	48	46	46	45	51	42	40	30	33	42	40	47	43	46	45	42	33	45.3	
BOTTINEAU	MAX	92	77	68	74	72	59	57	63	61	64	71	67	62	54	59	53	51	54	62	68	41	55	64	70	72	74	76	65	52	41	63.3	
	MIN	53	40	44	55	46	40	39	42	46	44	50	50	35	47	43	47	47	47	44	33	27	31	40	44	42	40	39	44	39	30	42.3	
BOWBELLS	MAX	97	78	73	79			64	62	73	73	67	63	50	49		51	51	51	61	69	45	60	69	69	71	76	81	65	47	44	66.4	
	MIN	55	48	45	53			42	42	48	43	43	48	45	45	43	44	45	45	37	34	25	28	37	40	46	42	38	44	36	23	41.6	
BOWMAN COURT HOUSE	MAX	91	78	75	77	74	68	68	67	73	77	77	73	65	73	70	65	63	67	70	63	67	81	77	74	78	86	78	75	46	46	71.4	
	MIN	48	44	52	51	49	45	36	46	40	38	47	51	50	46	46	48	40	47	30	39	23	37	42	38	42	44	37	41	34	24	41.8	
BUTTE	MAX	95	79	69	75	79	69	65	63	57	69	70	69	63	49	50	52	53	53	65	68	44	57	69	65	73	80	80	68	64	45	65.2	
	MIN	59	52	48	57	46	47	38	43	48	45	47	50	47	44	42	45	47	48	42	39	30	37	41	43	46	45	47	40	39	35	44.4	
CARRINGTON	MAX	94	82	69	72	75	82	71	65	57	64	68	71	68	53	48	51	57	55	65	69	53	55	65	60	62	69	76	81	74	49	66.0	
	MIN	57	51	43	41	41		37	37	43	42	42		45	42	42	42	46	47	43	42	34	30	35	40	40	43	38	38	39	36	41.3	
CARSON NO 2	MAX	85		67	78	75	71	75	69	70	74	75	69	61	59	57	60	58	68	71	53	61	74	67	76	88	85	74	76	54	47	68.9	
	MIN	57			55	57	53	38	39	49	46	47	48	48	49	45	49	43	50	41	42	26	36	47	39	46	46	43	45	39	34	48.7	
CAVALIER	MAX	85	78	72	82	68	65	62	61	70	68	66	65	61	68	59	55	59	63	63	59	55	63	67	71	75	76	68	65	53	50	65.7	
	MIN	64	53	40	55	44	50	44	36	50	49	46	43	41	43	39	48	51	50	47	41	40	29	40	48	47	49	50	40	47	36	48.3	
CENTER	MAX	85	74	74	80	72	70	68	59	71	78	70	65	62	59	64	54	55	66	70	64	59		67	73	77	85	74	73	48	52	67.9	
	MIN	52	53	47	55	46	40	33	42	49	55	40	50	49	45	44	48	41	46	39	40	25	28	38	35	40	35	38	40	37	35	42.2	
COOPERSTOWN	MAX	90	81	69	82	60	71	66	60	65	72	67	67	56	53	51	56	56	65	68	53	54	64	70	72	76	79	74	73	66	57	67.1	
	MIN	60	53	40	55	43	54	44	41	49	42	41	51	48	43	44	47	49	50	46	37	38	29	43	45	44	39	44	44	43	36	44.7	
CROSBY	MAX	89	72	81	75	60	60	65	63	73	72	69	65	57	59	54	52	52	60	68	62	60	71	71	72	76	82	65	53	44	45	64.9	
	MIN	54	49	48	54	41	49	43	44	46	44	46	46	43	44	42	44	45	46	36	35	27	33	41	41	47	41	39	44	36	26	42.2	
DEVILS LAKE WB CITY	MAX	81	63	70	80	69	64	61	58	64	68	68	65	57	51	51	54	58	64	68	53	53	64	67	72	74	76	66	67	47	48	63.4	
	MIN	60	49	44	53	42	46	41	41	49	45	44	49	45	46	45	47	49	50	45	38	35	33	44	43	49	44	45	39	41	36	44.6	
DICKINSON CAA AP	MAX	78	75	71	76	67	69	67	57	73	75	76	70	56	65</																		

DAILY TEMPERATURES

NORTH DAKOTA
SEPTEMBER 1954

Table 5-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX	97		77	75	86	74	77	78	57	72	75	71	62	49	51			54	70	68	47	59	71	66			83	79	70		69.5	
	MIN	55	48	49	57	49	50	36	49	49	44	47	50	48	45	44	45	46	46	39	38	27	34	41	38	45	42	45	42	38	36		44.1
GRAFTON	MAX	89	82	72	82	68	67	62	60	67	68	66	65	64	58	57	55	59	62	63	62	54	62	66	71	76	75	75	69	57	52		66.2
	MIN	66	57	39	56	47		46	38	50	46	47	48	43	45	46	48	52	51	47	40	41	35	40		50	43	50	38			46.2	
GRAND FORKS CAA AP	MAX	84	65	73	83	70	72	61	61	65	65	67	67	61	54	54	58	59	64	65	55	54	64	72	73	75	77	69	72	60	49	65.6	
	MIN	65	47	41	54	42	49	45	38	50	45	45	51	49	47	46	49	52	52	47	41	32	30	43	45	47	41	47	43	40	35	45.3	
GRAND FORKS UNIVERSITY	MAX	85	76	73	82	69	72	60	60	65	65	69	66	60	54	55	65	60	65	64	55	55	63	71	73	76	77	70	71	67	48	66.4	
	MIN	64	55	43	51	43	52	47	40	50	46	46	58	49	46	45	49	53	53	47	43	42	31	45	46	49	42	48	43	48	37	47.0	
GRAND RAPIDS 1 N	MAX	90	80	68	81	70	76	72	63	66	75	73	72	62	54	55	61	61	68	74	70	59	72	72	76	79	85	81	80	68	49	70.4	
	MIN	57	54	48	53	47	58	41	42	52	44	43	50	50	44	46	50	49	52	43	43	39	25	41	44	48	42	46	41	42	42	45.9	
GRANVILLE	MAX	87	72	75	76	67	63	64	59	71	70	66		56	50	51	52	54	59	70	61	57	70	67	74	77	81	70			51	65.6	
	MIN	57	52	45	46	46	49	37	43	50	45	51		46	45	45	47	47	49	44	39	29	32	40	40	43	42	42		30		43.7	
GRENORA	MAX	78	74	83	75	62	61	65	59	75	68	69	70	67	52		55	53	61	65	68	62	74	71	74	80	82	74	65	46	49	66.8	
	MIN	49	46	48	52	50	46	34	43	43	44	40	42	44	43	46	44	45	46	47	34	26	33	39	43	47	48	34	38	37	19	41.7	
HANKINSON R R STATION	MAX	88	87	72	63	69	72	76	63	63	63	73	73	70	55	50	55	60	64	64	70	65	55	65	77	75	77	79	79	72		68.8	
	MIN	53	56	49	51	51	50	47	36	43	44	45	46	52	45	44	45	52	53	45	42	38	30	31	49	47	47	47	43	47	40	45.6	
HANNAH	MAX	80	68	71	76	68	61	60	60	68	67	61	62	59	56	54	51	56	59	61	53	53	63	70	68	72	73	64	54	51	48	62.2	
	MIN	58	49	40	52	37	39	38	37	43	43	44	44	39	41	37	45	47	46	42	38	33	32	40	48	48	39	38	37	41	30	41.2	
HANSBORO	MAX	79	65	70		63	60	60	60	72	66	62	60	58	56	53	51	54	62	65	55	53	62		69	71	72	66	53	49	47	61.2	
	MIN	59	49	41		41	48	39	37	41	45	47	45	39	43	41	46	47	46	42	36	31	30		38	49	41	43	41	40	34	42.1	
HETTINGER	MAX	85	74	66	71	71	68	65	60	71	74	74	70	59	70	61	59	59	59	72	54	62	76	66	70	77	85	69	69	48	48		67.1
	MIN	51	45	54	51	49	47	38	48	44	41	49	52	50	49	45	49	42	49	38	45	22	39	38	38	42	42	42	44	36	25	43.5	
HILLSBORO	MAX	88	82	70	87	78	74	62	60	65	75	70	69	62	58	54	59	58	59	66	61	56	63	75	75	82	78	71	72	70	50	68.3	
	MIN	66	57	44	56	46	46	48	37	51	41	46	54	51	46	46	50	52	51	54	41	40	27	46	49	48	43	50	39	48	37	47.0	
JAMESTOWN CAA AP	MAX	84	72	68	82	70	73	65	58	66	73	71	70	53	49	53	58	57	68	71	54	57	67	71	75	78	82	73	78	52	50	66.6	
	MIN	59	49	45	55	44	45	40	40	48	46	43	52	48	44	45	50	49	49	44	41	32	28	43	44	43	43	46	36	42	37	44.3	
JAMESTOWN STATE HOSP	MAX	85	76	68	80	72	72	64	58	65	71	71	69	62	50	53	60	69	65	71	60	56	66	72	74	76	83	71	78	69	48	67.8	
	MIN	63	55	47	56	46	58	40	42	51	47	44	53	49	44	46	49	49	49	44	40	36	29	44	45	43	44	48	39	42	39	46.1	
KENMARE	MAX	98	78	71	78	67	60	58	65	63	74	73	69	63	49	50	51	53	51	62	68	45	60	67	70	70	75	81	66	47	44	64.2	
	MIN	55	49	46	50	47	48	36	38	44	45	43	44	44	45	40	41	46	46	40	35	29	29	37	38	48	42	41	41	37	25	41.6	
KENSAL WILDLIFE REFUGE	MAX	86	72	69	87	72	74	67	58	69	75	72	68	63	52	52	57	57	69	72	63	60	67	73	76	82	82	74	76	62	49	68.5	
	MIN	60	53	42	55	43	50	38	40	50	43	42	53	49	45	45	50	48	52	45	40	35	26	41				41	42	40		44.9	
LANGDON EXP FARM	MAX	83	72	70	78	65	60	59	59	69	69	63	62	56	56	55	51	58	59	62	61	53	62	70	69	72	73	72	67	48	50	63.4	
	MIN	56	49	40	52	37	47	40	37	46	43	42	45	40	41	38	45	48	46	42	36	34	31	41	40	48	41	41	39	41	30	41.9	
LARIMORE	MAX	86	79	72	83	76	74	70	59	68	68	65	67	59	55	54	55	56	64	66	63	55	62	68	73	73	76	70	71	62	48	66.6	
	MIN	64	55	39	56	43	46	45	48	50	47	47	50	48	46	45	48	51	52	48	40	41	29	44	47	48	41	49	38	46	34	46.2	
LEEDS	MAX	87	75	71	77	69	62	62	58	65	71	70	65	60	54	51	52	58	62	67	57	53	64	67	69	73	72	68	68	48	49	64.1	
	MIN	56	49	44	54	44	48	40	41	45	43	46	50	44	45	44	45	44	48	43	36	29	31	40	40	40	40	40	39	40	37	42.8	
LINTON	MAX	91	77	69	82	77	75	68	59	71	78	79	72	64	59	59	63	63	72	76	56	62	74	75	82	82	86	81	81	56	49	71.3	
	MIN	55	46	55	56	52	55	38	49	51	42	51	55	51	49	47	51	43	53	39	39	29	34	49	42	43	36	40	50	41	40	46.0	
LISRON	MAX	89	84	70	75	75	75	74	64	65	74	71	70	67	53	54	58	59	68	71	71	58	65	77	75	78	82	82	72	70	50	69.9	
	MIN	64	53	48	57	50	60	47	40	51	43	45	52	51	44	47	51	51	53	44	44	41	25	43	48	40	43	51	37	44	40	46.9	
LOSTWOOD 12 N	MAX	89	73	76	66	57	60	63	63	72	71	66	62	52	47	49	51	50	59	67	63	58	69	66	69	75	80	65	62	41	44	62.8	
	MIN	45	44	45	51	45	45	39	42	47	40	43	47	41	41	40	43	43	39	35	32	22	31	39	40	43	39	37	39	34	21	39.7	
MADDOCK AGR SCHOOL	MAX	86	77	72	79	69	69	64	59	66																							

Table S-Continued

DAILY TEMPERATURES

NORTH DAKOTA
SEPTEMBER 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX	82	75	67	77	67	69	66	59	73	71	77	72	60	69	67	63	55	66	70	60	65	76	69	75	79	86	75	65	46	47	68.3	
	MIN	51	44	53	52	49	49	34	46	45	48	49	53	49	48	46	49	41	49	40	40	23	33	42	40	39	42	37	28		43.3		
NEW SALEM 1 S	MAX	82	75	72	72	70	71	66	65	72	71	74	67	58	58	59	59	58	66	69	55	60	67	68	75	79	85	73	75	47	47	67.2	
	MIN	53	48	51	53	48	52	36	37	43	48	43	50	46	46	44	48	41	49	39	40	25	29	39	47	45	48	44	41	38	34	43.3	
NEWTOWN	MAX	93	78	77	75	68	64	63	60	74	75	74	69	57	50	59	55	55	65	68	59	60	70	69	73	78	84	70	53	45	48	66.3	
	MIN	53	51	51	53	50	50	43	45	51	44	48	51	45	45	44	47	47	49	38	36	26	36	39	39	44	41	42	43	39	26	43.6	
OAKES	MAX	90	86	72	65	75	71	74	64	61	67	73	73	70	53	51	54	63	59	68	72	59	57	70	75	75	77	84	73	78	51	68.7	
	MIN	63	54	51	56	50	56	43	45	51	46	50	53	51	46	46	47	50	50	46	42	39	28	33	48	43	43	50	47	46	44	41	47.0
PARK RIVER	MAX	89	81	72	82	78	66	67	60	68	70	69	67	60	58	55	55	59	63	64	57	55	63	66	71	75	75	69	67	54	51	66.2	
	MIN	63	54	41	55	45	50	44	39	50	49	48	47	44	45	46	48	51	51	47	40	40	32	38	47	51	46	49	40	46	35	46.0	
PARSHALL	MAX	90	77	75	76	67	64	65	63	74	74	72	67	51	50	58	55	54	65	68	54	62	71	67	73	78	83	72	62	45	50	66.3	
	MIN	48	50	49	52	46	49	33	44	48	40	45	51	45	45	44	46	47	50	38	36	26	37	40	36	40	40	39	45	38	28	47.5	
PEMBINA 2 N	MAX	88	86	73	82	82	70	67	64	68	70	70	68	68	62	60	60	58	68	68	60	53	63	70	71	77	77	76	64	56	52	68.4	
	MIN	62	52	42	55	50	52	45	36	48	44	49	49	41	42	36	49	51	49	46	41	39	30	41	47	43	42	50	47	46	38	45.2	
PETERSBURG	MAX	87	73	70	80	70	67	61	58	67	72	62	65	59	53	49	53	54	61	66	50	53	61	65	71	72	73	70	60	57	47	63.6	
	MIN	59	52	41	56	43	50	42	38	49	43	46	48	45	44	43	41	49	49	47	39	38	32	42	42	46	41	44	39	43	30	44.0	
PETTIPONE	MAX	91	79	72	81	70	71	64	62	65	71	70	67	63	49	51	58	58	65	69	67	55	66	68	74	81	78	74	70	66	48	67.4	
	MIN	59	53	48	55	45	53	39	44	43	47	47	51	47	45	44	48	47	50	48	40	31	31	41	43	46	44	43	43	39	30	44.8	
PORTAL	MAX	95	75	70	80	60	61	56	64	64	72	73	67	58	54	51	50	52	51	60	67	45	58	68	71	70	74	80	62	45	43	63.2	
	MIN	50	46	45	52	42	48	33	42	48	40	43	47	43	44	42	43	44	45	37	34	25	34	38	42	43	42	37	42	36	22	41.0	
POWERS LAKE 1 N	MAX	85	79	70	70	58	57	63	60	70	69	68	65	52	48	52	54	50	60	65	55	67	67	67	70	75	80	75	65	48	45	63.6	
	MIN	49	45	45	52	46	47	33	43	49	40	45	49	42	42	41	45	45	47	35	33	23	33	36	48	48	49	35	38	36	21	41.3	
RAUB 10 SSW	MAX	80	76	76	74	70	67	65	56	73	74	74	65	63	52	60	57	55	58	70	57	60	65	65	72	80	85	78	72	45	50	66.5	
	MIN	55	48	52	54	49	49	38	47	49	47	49	47	46	45	45	48	46	42	40	37	28	34	38	38	43	47	40	39	32	43.5		
RICHARDTON ABBEY	MAX	89	75	69	78	71	69	66	61	72	75	76	69	61	62	58	57	56	65	68	65	64	73	68	74	80	86	78	69	51	49	68.5	
	MIN	54	49	55	54	49	50	37	47	47	45	52	51	47	46	45	48	39	48	41	38	25	38	43	41	47	46	45	50	38	34	45.0	
RIVEROALE	MAX	98	79	77	75	78	70	68	65	56	70	72	72	63	50	52	58	55	54	65	68	47	57	70	66	71	76	82	70	67	47	66.6	
	MIN	60	53	50	58	48	51	38	44	49	51	49	51	49	45	44	45	47	46	43	40	33	35	42	42	47	44	44	42	39	36	45.5	
ROLLA	MAX	80	67	70	75	60	59	61	59	68	67	60	59	55	56	51	50	53	60	63	56	54	62	68	70	70	73	66	51	48	48	61.3	
	MIN	60	46	43	52	42	45	39	40	42	46	46	43	38	41	40	44	44	44	42	35	30	33	38	40	47	41	46	40	38	32	41.9	
RUGBY	MAX	92	71	73	77	70	65	63	62	66	71	69	66	60	54	51	51	58	64	69	66	55	65	72	72	75	78	76	64	48	50	66.1	
	MIN	57	49	46	57	46	50	38	45	45	44	49	52	46	46	45	45	49	49	46	38	30	34	43	48	46	41	43	44	40	35	44.9	
SAN HAVEN	MAX	94	72	70	75	62	68	64	60	68	70	68	64	56	58	50	49	52	61	65	60	55	62	71	72	70	73	67	54	44	49	63.4	
	MIN	60	47	42	53	45	47	39	43	46	47	48	48	43	44	44	46	46	45	43	35	30	32	43	46	45	44	44	44	39	32	43.7	
SHARON	MAX	84	75	67	80	70	68	62	56	61	72	67	65	56	53	51	54	55	63	65	53	54	62	67	71	75	75	70	70	62	48	64.4	
	MIN	59	52	42	55	44	53	45	42	49	49	45	51	48	45	44	47	48	51	48	32	37	32	40	44	45	43	46	41	43	33	45.0	
STANLEY	MAX	78	79	78	70	67	60	64	62	72	72	68	66	50	48	52	52	53	60	66	53	59	69	63	69	75	83	68	55	46	48	63.3	
	MIN	49	48	45	52	45	47	33	42	49	45	43	47	42	42	40	45	44	47	35	33	26	31	40	46	45	44	42	39	35	25	41.5	
STEELE	MAX	91	78	71	82	77	73	70	65	68	74	73	69	63	52	54	61	62	68	71	73	58	69	68	76	77	82	74	79	73	49	70.0	
	MIN	56	48	48	55	46	53	34	41	48	47	45	52	48	46	44	49	48	51	42	43	28	31	40	43	43	44	46	40	40	34	44.4	
TOWNER	MAX	90	72	77	78	68	63	65	65	71	72	70	62	63	58	52	53	57	66	70	70	55	69	67	73	74	80	68	62	48	52	66.3	
	MIN	58	48	42	42	41	44	33	33	40	39	45	42	45	43	41	44	44	44	40	35	25	31	39	38	52	38	37	34	37	30	40.0	
TURTLE LAKE	MAX	95	78	73	81	79	69	66	63	71	73	72	69	60	51	55	55	56	67	69	65	59	70	66	74	77	83	77	68	51	52	68.1	
	MIN	55	51	49	57	47	52	37	44	48	46	47	51	46	47	44	48	45	49	40	38	29	33	42	40	45	44	43	44	39	31	44.4	
UNDERWOOD	MAX	98	81	73	73	80	70	68	67	56	70	76	71	62	52	52	56	56	52	67	70	49	57	71	66	73							

STATION INDEX

NORTH DAKOTA
SEPTEMBER 1954

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Adams 7 S	0022	Walsh	10 48 20	98 20	2200	8P	Myron J. Bata	3		
Alexander	0096	McKenzie	13 47 50	103 38	2260	8P	Arthur J. Bauman	3		
Almont 7 SW	0186	Worton	12 48 10	103 48	2300	7P	Robert Adamsland	2 3 5	/	
Amor	0189	Dixie	12 48 58	103 28	2059	5P	Soo Line Agent	2 3 5	7	
Ansel	0196	Cass	11 47 00	97 13	1960	5S	Virgil L. Gebeke	2 3 5	7	
Anidom	0209	Globe	1 46 28	103 19	2910	8A	Virginia W. Zundel	2 3 5	7 C	
Antler	0263	Bottineau	11 48 10	100 25	1550	8P	W. R. Wagner	2 3 5	7	
Arvilla State Park	0369	Grand Forks	48 07 56	97 30	1458	6P	Albert Thoren	2 3 5	7	
Ashley	0462	McIntosh	8 46 02	99 22	2025	3S	Soo Line Agent	2 3 5	7 C	
Baldhill Dam	0350	Barnes	11 47 02	98 02	1300	WID	Corps of Engineers	2 3 5	7	
Balfour	0492	McHenry	12 47 57	100 32	1815	WID	Raymond E. Moller	3		
Balta	0500	Pierce	11 48 10	100 25	1550	6P	Anton Schaal	2 3 5	7	
Bantry	0516	McHenry	12 48 30	100 38	1458	9A	Temple K. Roberts	2 3 5	7	
Beach	0590	Golden Valley	7 46 55	104 01	2814	6A	Helan Tobias	2 3 5	7 C	
Belcourt Indian Res.	0526	Rolette	9 48 50	99 45	1960	7P	Turtle Mt. Ind. Ag.	2 3 5	7	
Belfield	0639	Stark	4 46 53	103 11	2592	7P	Carl Indagard	2 3 5	7	
Berthold	0729	Hard	12 48 19	101 44	2080	6P	Joseph S. Cook	2 3 5	7	
Bethula	0766	Mercer	6 47 16	101 47	1780	6A	Mont. Dkt. Util. Co.	2 3 5	7 C	
Bisbee	0796	Towner	4 46 37	99 22	1800	6P	Robert J. Erick	2 3 5	7	
Bismarck WB Airport	0819	Burke	48 07 56	103 48	2310	WID	G.S. Weather Bureau	2 3 5	7	
Bismarck 12 EWE	0827	Burleigh	8 46 51	100 33	1709	5P	KVRA Transmitter	2 3 5	7	
Bottineau	0941	Bottineau	12 48 50	100 27	1640	8A	N.D. Sch. of Frstry	2 3 5	7	
Bowells	0961	Burke	12 48 48	102 15	1953	8A	Felix L. Adams	2 3 5	7	
Bowman Court House	0963	Bowman	4 46 13	102 23	2810	5P	G. B. Hook	2 3 5	7	
Bowman 11 SE	0989	Bowman	3 46 04	103 13	2810	6P	Bernard L. Donagala	2 3 5	7	
Bowman 30 NW	1001	Slope	7 46 35	103 31	2505	5P	John R. Hanson	3		
Breien	1052	Morton	1 46 24	100 56	1720	WID	Frank E. Potter	3		
Buchanan	1124	Stutsman	5 47 04	88 49	1572	WID	F. H. Hendrickson	3		
Burt 16 W	1216	Rolette	1 46 36	102 08	1800	6P	Jacob Grubel	2 3 5	7	
Butte	1225	McLean	12 47 50	100 40	1880	8A	Earl R. Ward	2 3 5	7	
Cando	1288	Towner	2 48 29	99 12	1481	WID	Rarry E. Harris	2 3 5	7	
Carrington	1360	Poster	5 47 27	99 08	1579	7A	Soo Line Agent	2 3 5	7	
Carson	1365	Grant	4 46 25	101 34	2300	6P	Vincent Muggill	2 3 5	7	
Carson No. 2	1370	Grant	4 46 25	101 34	2310	6P	W. D. Drummond	2 3 5	7	
Cavalier	1435	Pembina	9 48 48	97 38	889	6P	Willie Wansen Pico	2 3 5	7	
Center	1456	Oliver	8 47 07	101 18	2100	7P	Fred L. Heinz	2 3 5	7	
Colgate	1866	Steele	10 47 14	97 39	1180	6P	John P. Burchill	2 3 5	7	
Confluence	1696	Burke	12 48 10	102 47	2100	6P	D. Sundell	2 3 5	7	
Cooperstown	1768	Griswold	11 47 26	98 07	1428	5P	Deland W. Wason	2 3 5	7	
Courtenay	1816	Stutsman	5 47 13	98 34	1523	5P	G. B. Banavall	2 3 5	7	
Crosby	1871	Divide	12 48 54	103 18	1954	6P	Vernon V. Nichols	2 3 5	7 C	
Dawson	2018	Kidder	4 46 52	99 45	1730	WID	Ralph W. Wise	2 3 5	7	
Devils Lake WB City	2105	McHenry	12 48 07	98 52	2119	WID	U.S. Weather Bureau	2 3 5	7	
Dickinson CAA AP	2183	Stark	4 46 47	102 48	2589	WID	U.S. Civil Aero Adm	2 3 5	7	
Dickinson Exp. Station	2188	Stark	4 46 53	102 48	2460	7A	Dickinson Exp. Sta.	2 3 5	7	
Donnybrook	2242	Ward	12 48 31	101 53	1760	6P	Fred E. Feldner	2 3 5	7	
Draque	2298	McHenry	12 47 55	102 22	1834	8A	E. J. Evans	2 3 5	7	
Dunk Center	2365	Dunn	5 46 00	98 31	2340	8P	Charles Heustel	2 3 5	7	
Eckman	2472	Bottineau	12 48 39	101 03	1500	7A	Soo Line Agent	2 3 5	7	
Edgeley Exp. Farm	2482	La Moure	5 46 20	98 42	1568	8A	N.D. Agri. Exp. Sta.	2 3 5	7	
Edmore 1 W	2525	Ramsey	2 48 25	98 29	1520	5P	Mike Davis	2 3 5	7	
Eggen 5 E	2592	Grant	1 46 21	101 49	2241	6P	Art A. Selinger	2 3 5	7	
Ellendale	2805	Dickey	11 46 00	98 31	2340	8P	Paul Gruber	2 3 5	7	
Endrin	2695	Ransom	11 46 38	97 36	2004	7A	Leonard Peterson	2 3 5	7	
Epping	2735	Williams	12 48 17	103 21	2224	6P	T. Beachler	2 3 5	7	
Esmond	2767	Benson	11 48 02	98 46	1650	WID	Lyle O. Ferling	3		
Fairfield	2809	Billings	7 47 13	103 13	2230	5P	John Peterson	2 3 5	7	
Fargo WB Airport	2859	Cass	10 46 54	96 48	895	WID	U.S. Weather Bureau	2 3 5	7	
Fessenden	2949	Wells	5 47 38	99 37	1620	6P	Earl E. Sinclair	2 3 5	7	
Flasher	3009	Morton	1 46 27	101 14	1930	8A	George H. Sinclair	2 3 5	7	
Flaxton	3019	Burke	12 48 54	102 23	1940	6P	Palmer M. Dunham	2 3 5	7	
Forbes 13 NW	3044	Dickey	5 46 04	98 56	1986	5P	Theodore A. Birch	2 3 5	7	
Forman	3117	Sargent	10 46 06	97 39	1249	6P	Art Waterman	2 3 5	7	
Fort Yates	3207	Sioux	4 46 06	100 38	1640	5P	Soil Conservationist	2 3 5	7	
Fortville 7 W	3217	Ward	12 48 27	101 36	2008	5P	U.S. Wildlife Ref.	2 3 5	7	
Fryburg 1 NE	3247	Billings	4 46 53	103 18	2742	WID	Elaer Stubbs	2 3 5	7	
Fullerton	3277	Dickey	5 46 10	98 25	2109	6P	F. O. F.	2 3 5	7	
Gackle	3309	Logan	5 46 38	98 08	1951	6P	Alvin Hummel	2 3 5	7	
Garrison	3378	McLean	4 46 38	101 25	1911	7A	Albert J. Beirle	2 3 5	7	
Glen Ullin	3406	Morton	4 46 40	101 49	2090	WID	Frederick J. Ashorn	2 3 5	7	
Glen Ullin 13 W	3501	Mercer	6 47 00	101 47	2221	6P	Christ Schilling	2 3 5	7	
Golden Valley 10 S	3529	Mercer	6 47 10	102 03	1870	6P	Robert W. Backfisch	2 3 5	7	
Grace City	3583	Foster	5 47 33	98 48	1495	WID	Ida Bond	2 3 5	7	
Granton	3624	Walsh	9 47 56	97 23	1975	5P	Grafton State School	2 3 5	7	
Grand Forks CAA AP	3616	Grand Forks	10 47 56	97 05	832	WID	U.S. Civil Aero Adm	2 3 5	7	
Grand Forks University	3621	Grand Forks	10 47 55	97 05	830	WID	University of W.D.	2 3 5	7	
Grand Rapids 1 N	3665	La Moure	5 46 28	98 21	1360	6P	Albert J. Ness	2 3 5	7	
Grano	3676	Beville	12 48 37	101 35	1625	WID	Oswald H. Bjornlie	2 3 5	7	
Grenville	3686	McHenry	7 47 24	103 14	2650	7P	Lynd R. Smith	2 3 5	7	
Grassy Butte	3696	McKenzie	7 47 24	103 14	2650	WID	San Charchenko	2 3 5	7	
Grassy Butte 10 W	3701	McKenzie	7 47 31	103 14	2497	6P	Idsel G. Crist	2 3 5	7	
Grenora	3736	Williams	8 48 37	103 59	2114	10P	L. D. Nielson	2 3 5	7	
Haley	3836	Benson	3 45 54	100 08	2695	WID	J. E. Crawford	2 3 5	7	
Hilliday	3846	Dunn	6 47 21	102 20	2075	6P	Maurice E. Wason	2 3 5	7	
Hankinson R R Station	3908	Richland	10 46 04	96 54	1068	7A	Soo Line Agent	2 3 5	7	
Hanna	3926	Griswold	11 47 18	98 12	1426	WID	Welen Benson	2 3 5	7	
Hannah	3936	Cavalier	9 48 59	98 41	1570	6P	O.S. Customs Office	2 3 5	7	
Hansboro	3963	Towner	8 47 39	98 38	1570	7P	Charles E. Disner	2 3 5	7	
Harvey	4013	Wells	11 47 46	99 55	1595	6P	Stephen Schröder	2 3 5	7	
Haynes 5 NE	4073	Adams	1 46 00	102 22	2550	WID	Bazen Swans	2 3 5	7	
Hazleton R R Station	4083	Emmons	8 46 29	100 17	1978	WID	V. G. Shaw	2 3 5	7	
Hettinger 17 N	4178	Adams	3 46 00	102 38	2680	6P	Fred O. Forthun	2 3 5	7	
Hettinger 17 N	4186	Adams	4 46 15	102 39	2610	WID	O. J. Gerbracht	2 3 5	7	
Willisboro	4203	Trail	10 47 24	97 04	901	6P	Alfred Janke	2 3 5	7	
Hurdfield	4343	Wells	5 47 27	99 55	1915	WID	Ruth Buchwitz	2 3 5	7	
Jamestown CAAAP	4413	Stutsman	5 46 55	98 41	1492	WID	U.S. Civil Aero Adm	2 3 5	7	
Jamestown St. Hospital	4418	Stutsman	5 46 53	98 41	1457	7P	N.D. State Hospital	2 3 5	7	
Kenn 2 S	4571	McKenzie	8 47 54	102 56	2346	6P	Kenneth V. Berget	2 3 5	7	
Kennmare	4646	Ward	12 48 40	102 05	1800	8A	Theo. E. Eckberg	2 3 5	7	
Krasal Wildlife Refuge	4658	Stutsman	5 47 16	98 32	1440	5P	U.S. Wildlife Ref.	2 3 5	7	
Kleider 8 NW	4726	Dunn	7 47 26	100 53	2240	6P	Leonard J. Davis	2 3 5	7	
Kramer 5 SE	4823	Bottineau	12 48 39	100 37	1457	WID	Paul A. Kretschmar	2 3 5	7	
Kula	4843	La Moure	5 46 18	98 57	1970	6P	John Stroval	2 3 5	7	
Langdon Exp. Farm	4958	Cavalier	9 48 45	98 20	1615	5P	V. Sturlaugson	2 3 5	7	
Lansford	5002	Bottineau	12 48 38	101 22	1600	6P	Louis Schaefer	2 3 5	7	
Larimore	5013	Grand Forks	10 47 55	97 38	1134	5P	Bennie Engen	2 3 5	7	
Lardo	5078	Benson	2 48 17	99 26	1515	6P	John Fager	2 3 5	7	
Levor 10 E	5088	Stark	4 46 38	102 21	2545	6P	Joseph Link	2 3 5	7	
Linton	5210	Emmons	8 46 16	100 14	1685	6P	Leonard P. Malone	2 3 5	7	
Lisbon	5220	Ransom	11 46 26	97 42	1089	5P	N.D. Soldiers Home	2 3 5	7	
Litchville	5230	Barnes	11 46 39	98 11	1467	6P	William E. Rugh	2 3 5	7	
Loftwood 12 W	5290	Burke	12 48 33	102 24	2230	6P	Loftwood W.L. Ref.	2 3 5	7	
Maddock Agri. School	5434	Benson	11 47 58	99 30	1604	6P	Benson Cy Agr Sch	2 3 5	7	
Mandan Exp. Station	5479	Morton	4 46 48	100 54	1750	8A	Mo. G.P. Field Sta.	2 3 5	7	
Mandan Ft. Lincoln Park	5484	Morton	4 46 47	100 52	1750	6P	Park Sup.	2 3 5	7	
Mandan	5519	Dunn	6 47 14	102 46	2219	WID	Donald Jeffries	2 3 5	7	
Marmarth	5573	Slope	7 46 18	103 55	2714	6P	S. P. Crane	2 3 5	7	
Marmarth W.D.U. Co.	5735	Bloche	7 48 18	103 55	2710	WID	S. B. Jeetnes	2 3 5	7	
Martin	5619	Sheridan	11 47 50	100 07	1610	5P	Eloy E. Kessler	2 3 5	7	
Max	5638	McLean	8 47 49	101 18	2093	8A	R. H. Schaefer	2 3 5	7	
Mayville	5660	Trail	10 47 30	97 19	975	6P	B. A. Ragan	2 3 5	7	
McClusky	5710	Sheridan	8 47 29	100 28	1943	6P	Elaer L. Schiele	2 3 5	7	
McGregor R R Station	5720	Williams	8 48 36	102 56	2150	WID	L. E. Spickens	2 3 5	7	
McHenry 5 W	5730	Dodder	11 47 38	98 35	1579	7P	C. E. Blesky	2 3 5	7	

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

⊙ Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

+ And also on a later date or dates.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

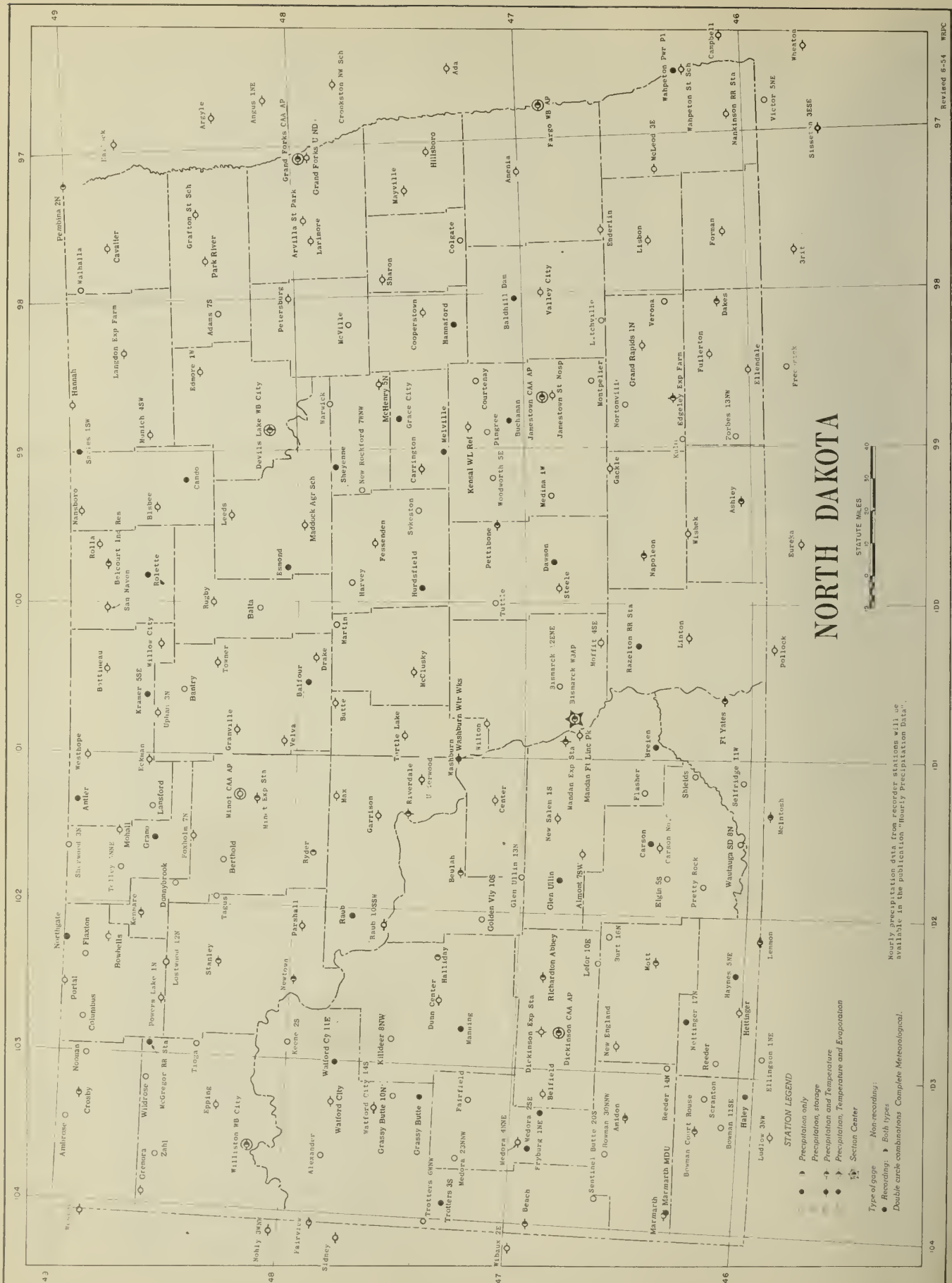
T Trace, an amount too small to measure.

V Includes total for previous month.

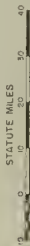
SS This entry in time of observation column in Station Index means observation made near sunset.

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W.R.P.C., KANSAS CITY, MO., -- 11-12-54 -- 880



NORTH DAKOTA



STATION LEGEND

- Precipitation only
- Precipitation, storage
- Precipitation and Temperature
- Precipitation, Temperature and Evaporation
- Section Center

Type of age Non-recording

● Both types

Double circle combinations Complete Meteorological.

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

1.03
VNT
2.2

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

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JAN 10 1955

UNIVERSITY OF ILLINOIS

OCTOBER 1954

Volume LXIII No. 10



WEATHER SUMMARY

Temperatures averaged normal and rainfall 59 percent of normal. The weather was mostly pleasant and favorable for agricultural activities. The harvest of flax and small grain was completed, potato digging and sugar beet lifting were almost finished, and corn picking was underway as the month ended.

The first six days were cool, the freezing temperatures on the 6th ending the growing season in the few scattered areas in the northeast which had escaped freezing temperatures during September. The lowest temperature for the month, 10°, occurred at Center on the 6th. Southerly winds on the 7th brought in warmer air and the highest temperature during the month, 83°, occurred at Marmarth on that date. Cooler weather interrupted the warm spell on the 13th but warm weather returned shortly after the middle of the month. The final week was slightly cooler than normal. Monthly mean temperatures ranged from 40.6° at Belcourt to 46.8° at Wahpeton.

Precipitation averaged 59 percent of normal. Only a few stations in the extreme northwest and a few scattered stations in the southwest part of the State received more than their October normals of rainfall. Monthly totals ranged from a trace at New Rockford and Warwick to 1.30 inches at the station 8 miles north of Watauga, South Dakota. Showers occurred principally on the 1st and 10th to 12th with snow flurries on the 24th to 26th and 28th to the close of the month. Snowfall was light over the southeast portion but averaged 2.3 inches over the western third. The greatest fall was 8.6 inches at Zahl.

There were no severe storms during the month.

The dry weather permitted the completion of combining of small grains in the north central sections and the late flax over the entire State. Potato digging and sugar beet lifting were practically complete and corn picking was underway. Favorable weather permitted the livestock to browse in meadows and stubble. With ample feed supplies, the livestock were in good condition. The moisture condition remained fair to good over most of the State although slightly inadequate in some southern sections.

Lucius W. Dye

SUPPLEMENTAL DATA

NORTH DAKOTA
OCTOBER 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
BISMARCK WB AIRPORT	WNW	11	12.1	54	W	12	76	83	54	60	5	4	2	0	0	0	11	52	5.6
DEVILS LAKE WB CITY	-	-	9.7	34	NW	12	-	-	-	-	5	6	2	0	0	0	13	57	5.3
FARGO WB AIRPORT	SSE	16	15.0	57	NW	28	80	82	60	64	7	3	3	0	0	0	13	50	6.3
WILLISTON WB CITY	-	-	8.0	29	NW	12	-	81	56	57	5	3	2	0	0	0	10	60	5.6

COMPARATIVE DATA

Table 1

OCTOBER

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall
1892	47.2	95	7	0.58	T	1917	34.7	82	- 4	0.78	6.4	1942	46.5	90	- 3	0.46	1.8
1893	40.6	79	0	1.05	0.9	1918	46.2	90	4	0.53	0.8	1943	48.2	89	10	0.76	2.8
1894	43.0	77	16	1.66	0	1919	33.5	84	-18	1.14	9.3	1944	48.7	84	11	0.12	T
1895	40.5	85	-12	0.24	0	1920	49.3	95	6	0.55	0.1	1945	45.1	89	6	0.37	T
1896	40.2	88	5	0.69	0	1921	47.3	88	16	0.66	T	1946	40.1	91	2	2.23	8.5
1897	45.9	93	6	0.77	0.8	1922	45.7	98	8	0.58	2.3	1947	51.2	97	15	1.31	0.9
1898	38.8	84	8	2.23	4.7	1923	44.0	84	- 8	0.89	0.5	1948	46.4	85	- 1	0.97	T
1899	42.1	86	7	1.17	1.3	1924	50.3	86	19	2.42	0.3	1949	43.5	91	8	2.55	1.4
1900	48.2	87	14	1.54	T	1925	33.3	66	-16	0.81	3.7	1950	46.9	88	17	0.63	3.1
1901	47.5	88	11	1.61	T	1926	42.6	85	4	1.36	1.0	1951	42.1	87	2	1.04	3.0
1902	43.7	87	10	1.28	0.7	1927	47.0	88	12	1.33	1.0	1952	43.2	80	2	0.10	1.1
1903	47.0	81	11	0.94	0.2	1928	43.5	85	3	0.46	0.6	1953	51.9	97	12	1.10	T
1904	46.6	87	10	0.90	T	1929	46.8	88	10	1.86	5.1	1954	44.0	83	10	0.61	1.2
1905	40.3	93	0	0.36	1.2	1930	40.8	86	0	1.81	0.3						
1906	45.0	89	0	0.49	1.4	1931	47.7	90	10	1.39	0.2						
1907	44.4	88	4	0.61	0.2	1932	38.3	90	- 3	2.27	9.1						
1908	43.0	86	8	1.63	0.7	1933	41.5	88	5	0.54	1.7						
1909	43.1	97	0	0.65	0.9	1934	49.0	94	5	1.01	0.1						
1910	48.2	95	0	0.51	0.1	1935	43.5	86	-10	0.16	0.7						
1911	42.5	86	-10	1.24	0.5	1936	42.3	90	- 5	0.21	1.1						
1912	44.4	90	0	1.07	3.5	1937	43.9	94	1	0.80	0.2						
1913	39.3	90	- 2	1.59	0.7	1938	50.9	95	- 4	0.55	1.1						
1914	50.0	97	0	0.93	T	1939	41.3	84	- 6	0.75	1.2						
1915	46.6	87	10	1.09	0.2	1940	50.7	89	18	1.56	T						
1916	40.0	85	- 2	0.70	2.0	1941	44.5	81	0	1.32	2.0						

AVERAGES FOR THE PERIOD 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature														Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days			
										Max.		Min.						Total	Max. Depth on Ground	Date	18 or More°	50 or More	100 or More	
										90° or More	32° or Below	32° or Below	0° or Below											
EASTERN DIVISION																								
AMENIA	57.5M	34.6M	46.1M	1.4			22	6+	571	0	0	11	0	0.32	-1.03	0.17	10	T	0	0	0	0		
ARVILLA STATE PARK	56.6	31.5	44.1		75	22	18	17	642	0	0	17	0	0.44		0.29	12		2	0	0	0		
CARRINGTON																								
CAVALIER	56.1	33.8	45.0	-2.0	72	8	21	18	615	0	0	12	0	0.41	-0.88	0.26	1	T	31	1	0	0		
COOPERSTOWN	56.4	32.6	44.5	-0.2	75	22	20	6	627	0	0	16	0	0.46	-0.62	0.16	12	T	0	3	0	0		
DEVILS LAKE WB CITY	53.6	33.2	43.4	-0.5	75	8	18	31	658	0	0	16	0	0.47	-0.79	0.19	1+	1.4	1	31	2	0		
EDGELEY EXP FARM	55.4	32.4	43.9	-1.7	75	23	19	6		0	0	16	0	0.63	-0.39	0.26	26	2.0	2	26	3	0		
EDMORE 1 W	54.4	31.1	42.8	-0.3	74	9	18	6	683	0	0	19	0	0.71	-0.27	0.29	12	1.0	0	0	0	0		
ELLENDALE	57.6	33.6	45.6	-0.3	79	9	22	6+	593	0	0	14	0	0.88	-0.18	0.39	26	T	0	2	0	0		
ENOERLIN	55.7	32.5	44.1		74	10	19	6+		0	0	14	0	0.79		0.24	26	T	0	4	0	0		
FARGO WB AP	54.4	35.0	44.7	-1.4	70	22	20	6	619	0	0	13	0	0.59	-0.67	0.25	11	T	28	3	0	0		
FORMAN	58.0	34.8	46.4	0.4	74	9	23	18	568	0	0	11	0	0.98	-0.37	0.40	25	0.0	0	0	0	0		
FULLERTON	57.5	33.5	45.5	0.2	76	9	20	6+	595	0	0	13	0	0.97	-0.36	0.44	26	0.4	0	3	0	0		
GACKLE	56.3	32.9	44.6	-0.8	79	8	17	6	625	0	0	17	0	0.68	-0.28	0.40	10	T	26+	2	0	0		
GRAFTON	57.2	34.5	45.9	-2.1	76	22	22	18	587	0	0	15	0	0.27	-0.87	0.22	12	T	31	1	0	0		
GRAND FORKS CAA AP	54.8	32.3	43.6	-0.1	73	22	19	6+	657	0	0	17	0	0.71	-0.65	0.33	12	0.8	0	3	0	0		
GRAND FORKS UNIVERSITY	54.6	34.9	44.8	1.1	73	22	21	6	621	0	0	13	0	0.60	-0.76	0.36	12	0.5	0	2	0	0		
GRAND RAPIDS 1 N	58.6	33.1	45.9		75	9	17	6	585	0	0	14	0	1.02		0.30	26	T	0	3	0	0		
HANKINSON R R STATION	55.7M	33.4	44.6M	-2.0			22	7		0	0	16	0	0.97	-0.40	0.46	12	0.0	0	4	0	0		
HANNAH	52.0M	31.3M	41.7M	0.9	76	8	15	6	715	0	0	20	0	0.95	-0.12	0.29	1	T	0	4	0	0		
HILLSBORO	56.7	34.0	45.4	0.2	72	3+	19	18	600	0	0	12	0	0.36	-0.98	0.21	10	T	0	1	0	0		
JAMESTOWN CAA AP	56.2	32.0	44.1	-0.6	76	22	17	6	641	0	0	16	0	0.40	-0.89	0.15	9	T	0	1	0	0		
JAMESTOWN STATE HOSP	56.6	34.2	45.4	0.7	76	22	18	6	601	0	0	13	0	0.34	-0.95	0.19	10	T	0	1	0	0		
KENSAL WILDLIFE REFUGE	58.0M	32.5	45.3M		78	22	15	6	614	0	0	18	0	0.39		0.20	10	0.0	0	2	0	0		
LARGOON EXP FARM	53.9	31.2	42.6	1.7	73	9	15	6	689	0	0	12	0	0.79	-0.24	0.30	1	0.5	0	3	0	0		
LARIMORE	56.5	32.9	44.7	0.6	73	9	21	19	619	0	0	16	0	0.32	-1.12	0.17	12	0.0	0	1	0	0		
LISBON	58.5	33.8	46.2	1.5	73	9	19	6	576	0	0	11	0	1.15	-0.09	0.43	12	T	0	4	0	0		
MAYVILLE	57.1	35.2	46.2	0.2	73	22	23	6+	580	0	0	13	0	0.21	-1.05	0.06	1+	0.5	0	0	0	0		
MC HENRY 5 N	54.3	32.3	43.3	0.0	75	8+	18	6	664	0	0	17	0	0.48	-0.57	0.22	12	T	29+	2	0	0		

CLIMATOLOGICAL DATA

NORTH DAKOTA
OCTOBER 1954

TABLE 2 - CONTINUED

Station	Temperature										Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days			
										Max. 32° or Above	32° or Below	32° or Below	0° or Below					Total	Max. Depth on Ground	Date	18 or More	50 or More	100 or More	
MC LEOD 3 E	59.1	33.6	46.4	- 0.1	75	9+	20	6+	571	0	0	14	0	0.66	- 0.72	0.18	10+	T	0	25+	4	0	0	
MUNICH 4 SW	53.3	31.3	42.3		74	8	18	6	695	0	0	20	0	0.46		0.21	1	T	0		2	0	0	
OAKES	55.0	32.9	44.0	- 2.0	76	10	21	6		0	0	15	0	0.94	- 0.37	0.38	26	T	0		4	0	0	
PARK RIVER	57.0	34.5	45.8	2.1	74	22	23	29	587	0	0	14	0	0.26	- 0.92	0.13	1+	0.0	0		2	0	0	
PEMBINA 2 N	59.6M	32.9M	46.3M	4.7	72	9+	15	30	564	0	0	14	0	0.41	- 0.79	0.27	1	0.0	0		2	0	0	
PETERSBURG	55.2	32.2	43.7		74	22	21	6	651	0	0	19	0	0.54	- 0.63	0.25	12	0.0	0		2	0	0	
SHARON	54.8M	32.2M	44.0M	0.4			20	31	641	0	0	16	0	0.43	- 0.86	0.13	10	T	0		3	0	0	
VALLEY CITY	57.2	35.2	46.2	1.1	73	9	20	6	575	0	0	10	0	0.37	- 0.95	0.22	10	T	0		2	0	0	
WAMPETON STATE SCHOOL	57.2	36.3M	46.8M	- 0.2	70	11+	22	6	563	0	0	8	0	0.99	- 0.45	0.48	12	0.0	0		4	0	0	
DIVISION			44.8	0.4										0.60	- 0.68			0.2						
MIDDLE DIVISION																								
ASHLEY																								
BELCOURT INDIAN RES	51.7	29.4	40.6		76	8	15	6	749	0	0	23	0	0.65		0.25	1	1.0	T	0	24	3	0	0
BISBEE	52.9	31.8	42.4	- 1.4	72	8+	17	6	694	0	0	18	0	0.61	- 0.38	0.27	1	T	0		3	0	0	
BISMARCK W8 AP	56.3	32.8	44.6	- 1.1	80	8	20	6	626	0	0	15	0	0.41	- 0.59	0.19	25	2.1	T	0	25	2	0	0
BOTTINEAU	52.2	30.0	41.1	- 0.3	74	9	15	6		0	0	21	0	0.80	- 0.17	0.20	1	5.1	T	1	25+	1	0	0
BUTTE	54.8M	32.7M	43.8M	- 1.0	77	9	13	6		0	0	16	0	0.32	- 0.65	0.23	1	T	0		2	0	0	
CARSON NO 2	55.4	32.9	44.2	- 0.3	79	8	19	6	639	0	0	18	0	0.77	- 0.14	0.41	25	5.7	T	4	25	2	0	0
CENTER	56.4	30.4	43.4	- 1.9	78	8	10	6	662	0	0	19	0	0.47	- 0.44	0.20	11	0.5	T	25+	3	0	0	
DRAKE	55.6M	31.3M	43.5M	0.4	79	23	17	6		0	0	0	0	0.46	- 0.58	0.19	1	0.0	T	0	2	0	0	
ECKMAN	55.1	28.1M	41.6M	- 0.6	78	10	12	6		0	0	23	0	0.60	- 0.24	0.40	25	1.0	T	1	25	2	0	0
FESSENDEN	56.4	32.5	44.5	1.2	78	8	15	6	628	0	0	16	0	0.45	- 0.61	0.17	18	T	0		3	0	0	
FORT YATES	58.2	33.7	46.0	- 0.7	81	8	23	6+	584	0	0	14	0	0.95	- 0.04	0.43	26	3.0	T	1	26	4	0	0
FOXHOLM 7 N	57.4	32.9	45.2	2.3	76	8	13	6	605	0	0	15	0	0.57	- 0.31	0.34	24	4.0	T	1	24	2	0	0
GARRISON	56.5	31.7	44.1	0.9	79	9	17	6		0	0	21	0	0.26	- 0.60	0.15	1	0.3	T	30	1	0	0	
GRANVILLE	56.9	32.7	44.8	1.2	79	8	16	6	618	0	0	17	0	0.47	- 0.37	0.37	1	T	0		2	0	0	
HANSBORO	53.2M	31.4M	42.3M	1.0	77	8			698	0	0	0	0	0.55	- 0.49	0.27	1	1.7	T	24	2	0	0	
LEEDS	54.3	32.1	43.2		75	8	17	6	669	0	0	17	0	0.37		0.26	1	0.3	T	24+	1	0	0	
LINTON	57.5	32.4	45.0	- 0.5	81	8	18	27	615	0	0	14	0	0.57	- 0.47	0.18	25	1.5	T	2	25	3	0	0
MADDOCK AGR SCHOOL	54.5	32.1	43.3	- 0.2	77	8	17	6	666	0	0	18	0	0.49	- 0.49	0.30	1	T	0		2	0	0	
MANDAN EXP STATION	56.1	33.7	44.9	0.2	78	9+	20	6		0	0	16	0	0.43	- 0.47	0.17	26		T	2	26	2	0	0
MANDAN FT LINCOLN PARK	58.2	34.0	46.1		79	8	22	6	577	0	0	12	0	0.68		0.35	26	1.0	T	1	26	2	0	0
MAX	54.9	29.9	42.4	- 0.5	78	9	16	6		0	0	23	0	0.44	- 0.36	0.20	25	0.4	T	25+	2	0	0	
MC CLUSKY	54.4	31.7	43.1	- 0.3	73	22	16	6	674	0	0	19	0	0.29	- 0.70	0.21	1	0.0	T	0	1	0	0	
MINOT CAA AP	54.4	33.5	44.0	0.2	78	8	17	6	644	0	0	14	0	0.27	- 0.64	0.14	1		T	25	2	0	0	
MINOT EXP STATION	53.4M	31.6M	42.5M		77	8	15	6		0	0	17	0	0.40		0.22	25	3.0	T	25	2	0	0	
MOFFIT 4 SE	57.6	32.1M	44.9M		77	8	19	6	615	0	0	0	0	0.70		0.28	26	3.1	T	0	3	0	0	
MOHALL	54.2	31.5	42.9	0.7	76	8	14	6	682	0	0	23	0	0.68	- 0.36	0.47	24	1.0	T	1	24	2	0	0
NAPOLEON	55.6	33.9M	44.8M	0.7	82	8	19	6	621	0	0	0	0	0.49	- 0.60	0.28	10	0.0	T	0	2	0	0	
NEW SALEM 1 S	56.1	32.0	44.1	- 1.0	78	8	15	6	638	0	0	18	0	0.42	- 0.43	0.20	25	1.5	T	1	25	1	0	0
PETTIBONE	54.3M	31.7M	43.0M	0.4	71	11+			678	0	0	18	0	0.57	- 0.42	0.21	10+	T	0		3	0	0	
RIVERDALE	55.3	32.8	44.1		76	9	15	6		0	0	18	0	0.32		0.15	1	0.7	T	1	25	2	0	0
ROLLA	52.5	30.7	41.6	- 0.9	77	8	16	6	716	0	0	12	0	0.88	- 0.09	0.36	24	5.0	T	2	24	2	0	0
RUGBY	56.1	33.2	44.7		76	8	16	6	624	0	0	16	0	0.45	- 0.44	0.26	1	T	0		1	0	0	
SAN HAVEN	53.2	31.7	42.5	0.9	76	8	20	6	691	0	0	21	0	0.71	- 0.15	0.21	24	T	T	24	3	0	0	
STEELE	57.6	32.5	45.1	1.0	80	8	17	6	609	0	0	17	0	0.95	- 0.17	0.24	10	T	T	24+	4	0	0	
TOWNER	57.2	29.5	43.4	- 0.1	78	8	11	6	663	0	0	24	0	0.72	- 0.17	0.32	1	T	0		3	0	0	
TURTLE LAKE	56.3	32.3M	44.3M	0.2	78	8	16	6	634	0	0	0	0	0.39	- 0.45	0.20	1		T	1	25+	2	0	0
UNDERWOOD	56.0	30.8M	43.4M		78	9	17	6		0	0	0	0	0.30		0.18	1	3.5	T	1	24	1	0	0
UPHAM 3 N		30.0M					12	6		0	0	20	0	0.62		0.31	24	1.0	T	24	2	0	0	
VELVA	55.9	33.5	44.7	0.4	79	8	15	6	622	0	0	13	0	0.39	- 0.56	0.22	1	T	T	24	2	0	0	
* WASHBURN	57.1M	34.2M	45.7M	0.7	80	8	19	6	588	0	0	0	0	0.26	- 0.66	0.11	1	0.0	T	0	1	0	0	
WESTHOPE	53.8	30.0	41.9	- 0.7	75	8	14	6	706	0	0	22	0	0.70	- 0.10	0.42	24	T	0		2	0	0	
WILLOW CITY	54.7	29.8	42.3	0.8	76	8	14	6	696	0	0	21	0	0.61	- 0.18	0.27	1	1.0	T	28+	2	0	0	
WILTON	55.5	31.7	43.6	- 1.3	77	8	16	6	657	0	0	19	0	0.42	- 0.53	0.13	25	1.0	T	0	1	0	0	
WISHEK	55.7M	32.5M	44.1M	0.1	78	8	20	6	640	0	0	0	0	0.67	- 0.26	0.35	26	0.0	T		3	0	0	
DIVISION			43.6	- 0.1										0.54	- 0.44			1.2						
WESTERN DIVISION																								
ALMONT 7 SW	56.4	33.5	45.0		81	8	20	6	609	0	0	16	0	0.76		0.28	10	4.7	T	2	26	4	0	0
AMIDON	55.4	32.5	44.0	- 1.0	80	8	20	29		0	0	16	0	0.99	0.02									

NORTH DAKOTA
OCTOBER 1954

Station	Total	Day of month																																					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							
ADAMS 7 S	.54	.15									.02	.26		.05															.02	.01	.05								
ALEXANDER	.54	.18									.28	T													.32	.02													
ALBION 7 SW	.76	.03								T															.76	.15	.19		T		.11								
AMHROST	.78										.17	.15																											
AMENIA	.32																																						
ANIMON	.99	.01									.30	T														T	.50	.18											
ARVILLA STATE PARK	.44	.10									.01	.29																	T										
ASHLEY														.11	.02											.01	.41												
SALTA	.70	.27										.02	.18		.02				T							.04	T			.10	.03								
SANTRY	.89		.36											T													.07												
BEACH	.99	.24									.25				.02											.34	.13	.01											
BEELCOURT INDIAN RES	.65	.25									.10	.02	.10		.02											.20	.01												
BEELFIELD	1.09										.10				.02											.20	.01												
BERTHOLD	.56	.12								T	T			.01												.41	.23												
BEULAH	.18	.03																								.07	.01												
BISBEL	.61	.27									.10	.09		.04												.11													
BISMARCK WB AP	.41	.02								.13	.01															T	.19	.02											
BISMARCK 12 ENE	.33	.04									.12															T	.07	.10											
BOTTINEAU	.80	.20	.02									.01		.19	.03	.07										.11	.06												
BOWBELLS	.89	.15									T	.08																											

DAILY PRECIPITATION

NORTH DAKOTA
OCTOBER 1954

Table 3-Continued

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NEW ROCKFORD 7 WNW	T									.02	.07	T													T	.20	.05			T	T	T		
NEW SALEM 1 S	.42	.05																							T	.10				T		.03	T	
NEWTOWN	.10																																	
NUONAN	1.13																																	
NORTONVILLE	.72	.19									.29														.15	.93								
OAKES	.94	.19	.11								.13	T	.07			.03																		
PARK RIVER	.26	.13									.13				T										T	T	.03	.38		T	T	T		
PARSHALL	.51	.12									.04	T	T												T		.24	.03		T		.08		
PENBINA 2 N	.41	.27									.02		.12			.02								T										
PETERSBURG	.54	.12									.02		.25			.04										.04					.04		.03	
PETTIBONE	.57	.13									.21		.21																	T	.02			
PINGREE	.44	.08									.20		.08														T			T	T			
PORTAL	.98	.17									.08	.17		.08													T	.65		T	T		.04	
POWERS LAKE 1 N	.57	.20									T	.07	.05			.02									T	.17				T		.06		
PETTY ROCK	.55	T	T		T					.16	.10	T					.03									T		.21	.02		T		.03	T
RAUB 10 SSW	.35										.14																							
REEDER	.30	.05									.20																						.07	
REEDER 14 N	.34	.01									.20																							
RICHARDSON ABBEY	.73	.04								T	.24																							
RIVERDALE	.32	.15		T							T	T	T	T	T											.10	.12	.16		T	T	.07	T	
ROLLA	.88	.28							T		.05	T		.03																				
RUGBY	.45	.26									.03			.01	.01	.02										.36	.03			.04	.01	T	.08	
RYDER	.44	.11									.08															.03				.06	.04	.03	T	
SAN HAVEN	.71	.12											.19		.05		T																	
SCRANTON	.35	.05									.14															.21	.02		.05	.03	.03	.01		
SELFRIDGE 11 W	1.16		.02	.02							.20																							
SENTINEL BUTTE 20 S	.97	.10									.47															.25	.25	.65					.02	
SHARON	.43	.12		T							.13		.08		T																			
SHERWOOD 3 N	.85	.15										T			T																			
SHIELDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
STANLEY	.59	.23																																
STEELE	.95	.13									.24	.20	.04		.05											.21						.10		
SYKESTON	.24	.02									.20	.02			T											T							.06	
TAGUS	.36	.15									.02	.03																						
TIOGA	.45												.20																					
TOLLEY	.72	.25										T		.05																				
TOWNER	.72	.32											.11																				.10	
TROTTERS 6 WNW	.50										.29	T																						
TURTLE LAKE	.39	.20										.12		T																				
TUTTLE	.32	.07									.18																							
UNDERWOOD	.30	.18									T	T																						
UPHAM 3 N	.62	.24									T																							
VALLEY CITY	.37	.10	T								.22					.03																		
VELVA	.39	.22													T																			
VERONA	.77	.16									.08	.02	.18																					
WAMPLTON STATE SCHOOL	.99	.14									.13		.48			.02																	.02	
WALHALLA	.17	T											.10		T																		.02	
WARWICK	T																																	
WASHBURN	.26	.11									T	.05	T																					
WATAUGA 5 OAK 8 N	1.30																																	
WATFORD CITY	.77	.12									.05																							
WATFORD CITY 14 S	.66	.03									.04																							
WESTHOPE	.70	.22																																
WILOROSE	1.11	.25																																
WILLISTON WB CITY	R//	.70	.11							T	.06	T	T	.05																				
WILLOW CITY	.61	.27	T																															
WILTON	.42	.08	.02								.01	.09	.03	T	.05																			
WISHEK	.67	.15									.17																							
WOODWORTH 5 E	.48	.15									.30																							
ZARL	.88	.16	T										.01																					

DAILY TEMPERATURES

NORTH OAKOTA
OCTOBER 1954

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX MIN	54 36	54 33	69 38	45 30	47 32	51 20	73 40	81 42	74 49	59 42	70 42	60 37	58 35	53 32	59 28	66 35	60 33	55 28	65 28	63 26	71 35	80 43	61 41	43 32	33 30	39 26	45 27	45 32	39 30	37 30	39 26	56.4 33.5
AMENIA	MAX MIN	50 37	57 23	70 46	56 36	49 35	47 22	64 30		72 37	65 52	70 49	64 48	58 36	51 35	49 36	57 33	53 28	61 29	57 37	65 40	72 37	68 42	65 40	42 35	49 35	56 29	48 35	30 28	27 25	42 25	57.5 34.6	
AMIDON	MAX MIN	48 31	52 35	70 33	57 28	38 29	52 22	52 31	80 41	71 47	68 46	62 44	65 40	57 34	52 23	50 23	60 34	68 35	67 35	56 31	65 38	71 47	75 39	55 32	34 29	32 25	37 24	44 29	44 20	38 24	40 24	55.4 32.5	
ARVILLA STATE PARK	MAX MIN	50 27	58 23	70 33	59 31	45 25	44 19	64 23	72 49	72 34	68 48	72 40	62 46	60 33	51 36	56 28	58 26	55 18	60 26	58 27	54 34	66 32	75 41	61 37	55 36	39 33	50 31	56 27	49 35	37 27	39 24	39 28	56.6 31.5
ASHLEY	MAX MIN													62 34	49 28	53 31	55 27	61 23	52 27	60 34	52 35	59 30	72 40	67 35	61 38	52 32	38 30	49 26	46 30	38 27	39 25	43 24	
BEACH	MAX MIN	46 33	52 33	69 32	60 28	40 25	53 26	53 27	79 40	77 41	70 43	65 36	67 40	59 43	53 36	51 28	62 27	71 38	67 39	56 33	66 37	61 29	70 41	75 41	51 31	34 29	34 24	44 26	54 30	45 19	40 22	42 24	57.0 31.4
BELCOURT INDIAN RES	MAX MIN	45 29	57 24	52 31	42 28	44 18	40 15	57 29	76 39	70 33	68 46	67 42	56 40	56 27	45 28	50 31	55 31	48 25	55 26	54 35	63 30	70 39	50 36	41 30	33 28	47 23	51 25	48 31	32 24	38 20	35 24	51.7 29.4	
BELFIELD	MAX MIN	51 31	69 28	64 32	53 25	53 28	52 22	77 39	78 38	72 38	59 39	62 38	56 33	54 30	50 26	62 20	64 26	66 35	55 25	66 35	57 25	71 33	73 38	53 41	41 33	33 28	37 23	54 25	44 28	38 21	41 27	56.3 30.0	
BEULAH	MAX MIN	47 35	48 29	58 30	59 30	38 29	49 15	48 16	71 35	77 38	70 46	54 32	66 35	58 28	55 27	48 22	56 22	62 23	58 24	55 23	63 31	60 25	69 26	73 43	54 38	43 29	36 25	43 26	56 25	44 29	37 28	36 22	54.5 28.9
BISBEE	MAX MIN	47 36	57 29	59 33	43 26	45 26	41 17	57 29	72 36	72 40	66 49	71 42	56 43	57 31	44 34	51 32	55 33	48 27	56 29	59 32	56 31	64 44	56 42	45 35	45 30	48 25	46 34	35 25	37 24	37 22	52.9 31.8		
BISMARCK WB AP	MAX MIN	51 31	60 28	67 33	40 24	47 29	49 20	71 38	80 40	72 46	60 45	71 38	62 46	60 43	49 39	57 30	62 30	59 28	56 30	65 33	57 34	68 28	78 41	61 34	45 32	37 29	45 24	50 30	48 31	41 28	39 23	56.3 32.8	
BOTTINEAU	MAX MIN	48 32	46 32	58 32	55 22	42 27	45 22	63 24	61 28	74 35	72 42	67 43	67 43	51 28	56 29	59 28	52 26	57 27	50 29	59 32	60 36	51 31	67 36	68 43	49 35	36 19	46 22	55 30	39 21	35 20	36 21	52.2 30.0	
BOWBELLS	MAX MIN	47 27	50 31	60 33	50 26	42 22	46 15	46 27	68 38	74 39	70 49	66 38	45 36	53 49	56 30	45 25	57 22	59 29	56 30	66 32	62 32	69 37	69 40	46 32	34 29	30 24	40 26	57 30	40 28	37 28	37 28	52.8 29.6	
BOWMAN COURT HOUSE	MAX MIN	54 31	69 29	66 28	56 16	53 22	51 22	81 37	77 41	72 43	65 41	65 33	57 36	53 30	51 22	62 18	66 33	62 33	66 31	62 28	70 31	77 31	66 47	49 31	32 27	32 27	44 21	44 29	38 17	38 33	43 33	57.8 29.8	
BUTTE	MAX MIN	48 36	49 32	61 39	60 28	43 31	45 13	47 20	66 40	77 49	71 48	65 42	69 44	56 32	58 44	44 29	54 34	56 26	61 34	60 35	59 35	68 36	73 54	34 36	37 35	45 28	58 32	45 18	42 27	39 26	54.8 32.7		
CARRINGTON	MAX MIN																																
CARSON NO 2	MAX MIN	52 36	54 28	67 39	42 31	49 24	50 19	73 37	79 44	71 47	59 49	70 44	60 41	58 36	53 29	54 26	64 33	60 29	57 30	66 34	59 30	75 30	78 43	61 40	45 32	34 30	34 26	39 25	42 24	39 30	38 29	34 26	55.4 32.9
CAVALIER	MAX MIN	49 34	58 27	66 34	55 33	47 26	43 23	61 27	72 46	71 43	70 51	71 43	63 48	63 35	55 33	53 36	56 37	50 28	55 31	60 26	60 36	71 43	63 48	43 34	38 32	52 30	57 35	36 27	40 23	37 28	56.1 33.8		
CENTER	MAX MIN	48 33	57 25	61 33	46 29	49 32	50 20	70 35	78 35	71 40	60 46	70 36	60 40	58 35	49 27	56 21	61 26	58 24	58 27	65 35	64 29	70 38	75 41	60 29	49 25	33 19	45 28	55 30	38 27	37 22	39 22	56.4 30.4	
COOPERSTOWN	MAX MIN	51 37	57 26	67 40	63 30	48 20	46 20	63 28	73 49	71 38	66 49	70 46	63 36	56 34	54 30	51 35	55 29	52 24	55 26	62 29	58 35	63 40	75 40	63 39	55 37	39 32	48 30	57 23	52 34	36 26	39 22	41 22	56.4 32.6
CROSBY	MAX MIN	48 32	58 30	50 34	42 24	47 22	47 17	72 32	74 41	65 40	67 42	67 34	57 42	54 27	49 32	59 22	64 29	61 30	61 37	68 29	63 36	69 31	70 44	49 33	54 31	20 20	20 28	49 32	48 27	37 30	47 27	56.7 30.8	
DEVILS LAKE WB CITY	MAX MIN	49 35	59 30	63 42	44 28	44 21	62 29	61 32	75 46	74 39	69 48	72 45	54 43	58 35	41 32	50 34	55 28	50 32	56 28	62 31	57 38	65 43	72 45	55 39	43 28	47 35	55 30	49 34	34 27	37 25	36 28	53.6 33.2	
DICKINSON CAA AP	MAX MIN	50 31	64 31	63 27	36 30	51 30	53 20	78 42	77 44	70 48	56 40	66 38	59 44	55 29	52 27	60 22	65 35	63 34	53 36	67 31	59 36	71 42	76 42	57 39	40 30	32 25	41 25	53 31	44 25	38 25	40 22	41 22	55.8 32.0
DICKINSON EXP STATION	MAX MIN	49 33	51 28	65 28	63 30	37 31	52 20	53 23	78 40	78 44	72 46	67 33	67 39	59 23	56 22	64 22	61 29	65 32	64 34	53 28	67 30	61 25	71 38	76 42	41 32	36 25	45 25	55 31	46 26	39 26	41 26	56.8 30.5	
DRAKE	MAX MIN	49 36	49 32		61 28	43 29	49 17	42 24	66 42	77 41	72 41	70 41		57 33	59 32	43 26	55 27	57 29	52 22	61 27	64 34	54 33	68 39	79 39	55 32	35 28	49 28	58 27	45 28	48 26	39 26	55.6 31.3	
DUNN CENTER	MAX MIN	49 32	52 29	66 29	62 28	39 29	51 17	75 18	79 36	79 36	74 43	53 36	65 36	60 27	56 26	52 22	60 22	66 32	61 32	64 26	65 30	71 40	76 34	56 30	35 40	34 26	56 26	57 30	46 29	41 29	40 25	56.7 29.2	
ECKMAN	MAX MIN	49 29	49 30	62 32	56 28	44 23	48 12	45 16	65 35	72 37	78 39	76 34	67 38	55 29	43 24	50 21	56 20	53 28	62 26	64 30	61 27	70 38	71 48	41 30	33 22	46 23	60 25	45 20	39 20	35 20	55.1 28.1		
EDGELEY EXP FARM	MAX MIN	46 38	56 28	59 38	69 34	43 34	43 19	45 26	62 41	67 42	73 49	60 43	69 43	63 36	55 32	51 32	54 29	59 25	52 20	57 26	60 33	50 35	59 36	75 31	64 33	63 32	37 29	46 22	54 32	49 26	37 23	39 27	55.4 32.4
EDMORE 1																																	

Table 5-Continued

DAILY TEMPERATURES

NORTH DAKOTA
OCTOBER 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX MIN	52 36	50 32	60 30	60 28	43 27	54 17	49 19	68 38	79 41	73 47	60 38	69 45	60 32	58 31	49 25	57 26	60 30	58 30	65 31	63 30	69 36	67 45	70 37	55 37	40 30	34 27	49 27	58 28	45 30	41 29	37 25	56.5 31.7
GRAFTON	MAX MIN	50 35	56 27	67 36	64 31	44 27	44 25	61 29	71 49	71 39	70 54	70 44	67 47	60 37	60 32	52 40	57 31	56 28	53 22	59 28	60 38	66 40	76 40	71 42	50 39	39 34	52 32	57 25	55 38	38 28	39 25	38 30	57.2 34.5
GRAND FORKS CAA AP	MAX MIN	50 30	58 24	69 40	45 28	45 27	46 19	60 30	65 49	72 37	68 49	70 43	56 43	58 35	47 34	48 30	57 29	47 24	54 23	61 28	61 39	66 42	73 40	62 36	56 41	50 35	56 30	49 24	34 26	38 25	36 19	54.8 32.3	
GRAND FORKS UNIVERSITY	MAX MIN	47 35	55 27	70 43	53 32	45 28	45 21	60 31	64 49	70 39	62 52	69 44	62 48	58 38	48 34	48 38	54 30	48 25	53 25	61 29	59 40	65 44	73 41	63 37	56 39	40 35	50 34	58 26	48 36	35 29	38 27	36 20	54.6 34.9
GRAND RAPIDS 1 N	MAX MIN	55 39	62 25	70 46	60 35	46 34	48 17	62 32	68 49	75 36	68 50	72 42	68 42	56 35	52 31	54 34	59 24	57 24	58 20	63 34	56 34	61 36	74 37	64 32	64 40	60 34	48 32	56 31	50 29	45 22	41 23	46 23	58.6 33.1
GRANVILLE	MAX MIN	51 36	63 40	58 37	43 29	47 30	48 16	68 33	79 39	75 40	68 47	72 40	62 43	61 31	46 33	51 27	62 33	56 25	60 20	67 29	65 27	72 32	74 46	52 42	48 32	37 31	49 24	60 30	51 34	40 29	38 25	56.9 32.7	
GRENORA	MAX MIN	49 33	62 28	70 25	60 33	46 22	48 19	62 36	75 49	68 41	68 42	72 39	68 41	55 32	51 29	61 28	65 29	63 32	61 36	65 33	66 37	72 45	70 45	55 40	42 33	37 28	48 21	55 28	49 30	39 24	44 27	57.0 31.4	
HANKINSON R R STATION	MAX MIN	50 38	48 32	58 32	61 31	45 31	46 23	46 22	58 36	62 43	67 45	64 45	71 45	65 43	57 34	55 30	51 31	55 30	53 31	64 27	60 30	56 34	64 36	36 37	71 35	45 35	42 29	61 29	50 27	40 26	39 27	55.7 33.4	
HANNAH	MAX MIN	44 32	60 35	60 35	41 26	40 20	40 15	56 29	76 42	72 35	69 49	71 43	53 41	58 32	40 29	49 33	54 28	48 23	55 26	60 31	60 37	63 36	67 44	52 36	35 30	47 30	53 24	53 25	47 37	33 26	37 27	52.0 31.3	
HANSBORO	MAX MIN	42 30	59 30	60 33	44 29	41 15	41	56 30	77 41	75 38	72 49	70 41	57 41	62 32	41 29	50 32	49 27	57 23	59 29	57 35	66 33	69 45	49 39	42 31	33 24	45 24	54 30	49 31	33 26	38 19	36 15	53.2 31.4	
HETTINGER	MAX MIN	55 35	61 33	69 31	40 24	50 30	50 22	77 40	78 40	72 44	61 44	66 39	57 40	49 34	51 25	60 19	67 32	62 33	58 35	65 30	56 33	69 26	78 39	63 37	47 30	31 27	33 23	42 20	44 30	39 20	42 21	55.8 31.1	
HILLSBORO	MAX MIN	49 34	57 24	72 45	65 34	47 29	46 23	60 30	62 48	69 39	69 40	70 46	64 48	62 37	55 35	56 37	54 29	53 27	60 25	55 38	63 41	66 39	72 39	66 40	65 38	42 35	50 34	57 26	50 35	39 26	36 28	56.7 34.0	
JAMESTOWN CAA AP	MAX MIN	54 27	60 24	68 36	41 33	47 29	47 17	64 33	73 45	74 40	66 47	71 45	63 43	57 36	47 32	54 30	59 28	52 24	62 21	62 31	62 35	62 33	76 38	63 38	60 35	37 33	50 32	55 29	49 31	36 24	40 23	56.2 32.0	
JAMESTOWN STATE HOSP	MAX MIN	55 39	58 25	67 40	56 34	47 35	46 18	65 33	74 49	72 42	64 50	70 46	63 44	59 34	62 32	52 34	57 31	52 27	62 32	51 34	63 40	76 40	61 38	60 40	47 34	54 32	48 28	47 32	54 27	36 25	38 29	56.6 34.2	
KENMARE	MAX MIN	48 26	48 32	62 35	51 27	43 26	47 17	45 17	68 38	75 43	67 46	62 40	66 40	55 32	56 32	45 27	60 28	60 29	62 31	65 36	62 35	69 35	69 40	46 32	35 28	32 20	41 20	53 30	40 29	37 29	38 28	53.7 30.8	
KENSAL WILDLIFE REFUGE	MAX MIN	57 32	60 26	70 43	60 40	52 31	48 15	63 32	68 48	73 40	75 47	71 43	65 39	59 33	58 30	55 32	60 30	54 22	58 22	62 30	58 35	66 32	78 40	68 36	54 40	37 33	52 31	58 27	46 27	40 19	42 28	58.0 32.5	
LANGOON EXP FARM	MAX MIN	48 31	57 28	63 36	54 28	45 21	40 15	56 29	72 45	73 36	67 47	70 43	62 41	58 32	50 30	50 33	55 27	49 22	53 27	60 32	59 37	63 40	67 43	56 36	48 32	38 26	53 24	48 30	32 25	37 19	40 27	53.9 31.2	
LARIMORE	MAX MIN	51 33	57 25	69 40	55 30	44 25	43 23	65 26	71 40	73 38	70 41	71 44	62 45	60 35	51 30	50 38	56 32	51 27	54 23	54 21	65 36	70 40	65 41	52 33	41 32	50 31	60 29	55 36	43 28	41 25	40 27	56.5 32.9	
LEEOS	MAX MIN	47 36	60 30	60 37	47 27	44 26	43 17	62 29	75 42	74 36	69 47	72 42	56 43	58 33	46 32	51 30	57 27	51 27	58 27	62 31	57 35	67 33	69 45	54 39	49 31	37 31	48 23	51 33	48 28	34 22	38 28	54.3 32.1	
LINTON	MAX MIN	58 34	54 30	65 40	54 33	47 33	49 22	70 38	81 41	79 48	64 41	74 35	64 38	56 30	52 24	59 28	65 24	68 30	55 28	65 35	52 37	65 40	77 40	62 53	53 38	39 33	46 28	49 18	40 32	41 27	42 22	57.5 32.4	
LISBON	MAX MIN	52 40	55 24	67 48	67 35	44 35	46 19	62 30	63 49	73 39	70 52	69 47	66 45	61 36	50 33	52 36	58 27	56 28	54 20	62 27	60 33	63 34	71 39	71 37	71 33	62 34	52 33	54 28	54 28	45 25	38 22	58.5 33.8	
LOSTWOOD 12 N	MAX MIN	48 30	62 29	50 22	42 21	45 21	46 11	68 32	74 41	69 39	62 45	65 35	57 39	54 27	47 28	57 21	57 31	60 27	60 31	65 30	68 35	69 41	57 40	43 31	32 24	38 15	49 25	44 28	35 26	35 26	35 25	53.2 29.2	
MAOOCK AGR SCHOOL	MAX MIN	47 36	59 29	62 36	48 28	43 29	44 17	62 32	77 38	73 37	67 47	72 39	62 42	61 33	50 32	50 31	56 28	50 26	55 27	61 30	55 36	65 31	70 40	56 41	48 35	37 32	45 27	55 28	51 34	36 23	38 24	54.5 32.1	
MANOAN EXP STATION	MAX MIN	47 35	50 28	59 42	65 32	40 33	49 20	50 27	71 39	78 48	71 50	60 37	71 45	60 33	59 32	49 30	56 27	61 30	59 27	54 36	65 38	60 42	69 38	78 42	61 41	42 32	35 28	44 29	50 34	40 32	38 29	56.1 31.7	
MANOAN FT LINCOLN PARK	MAX MIN	52 35	59 27	67 44	58 33	49 35	48 22	70 38	79 46	73 44	65 44	72 37	64 45	61 35	56 33	57 28	62 33	59 33	56 31	65 38	62 38	66 28	78 40	67 42	59 35	37 32	42 29	50 27	49 34	40 26	39 21	58.2 34.0	
MARMARTH	MAX MIN	54 33	72 30	66 27	46 23	54 32	43 25	63 43	79 36	71 40	65 38	66 25	58 38	53 27	62 25	53 18	74 26	69 29	61 26	68 26	62 25	71 36	78 43	60 34	46 32	34 27	46 24	45 24	40 19	42 30	38 22	58.6 30.6	
MAX	MAX MIN	48 34	50 30	60 32	59 27	44 26	45 16	47 19	67 38	78 38	73 48	65 37	65 38	58 29	58 29	46 23	55 31	59 32	57 24	54 29	60 39	68 40	74 38	52 35	37 29	33 24	41 25	57 26	43 29	38 23	35 25	54.9 29.6	
MAYVILLE	MAX MIN	50 33	57 30	71 36	61 29	47 36	45 23	63 30	66 49	72 41	68 52	71 47	65 47	56 39	52 34	49 37	57 31	52 27	54 23	61 34	54 38	66 42	73 40	65 38	65 29	47 33	57 29	58 30	50 37	40 28	40 26	57.1 35.2	
MC CLUSKY	MAX MIN	49 33	60 3																														

Table 5-Continued

DAILY TEMPERATURES

NORTH OAKOTA
OCTOBER 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX MIN	52 33	63 27	65 29	47 28	52 32	51 20	78 40	78 41	69 44	62 37	67 38	58 40	53 26	50 25	61 18	78 34	63 28	55 35	66 25	57 32	72 27	78 36	59 40	47 31	33 29	49 24	46 25	44 22	38 23	39 31	41 19	57.1 30.3
NEW SALEM 1 S	MAX MIN	51 33	54 29	65 38	42 29	47 32	47 15	71 36	78 40	71 44	56 41	70 43	59 40	58 33	51 28	57 25	62 35	59 30	53 30	64 29	62 29	68 30	77 38	61 40	51 34	47 29	41 25	45 25	46 30	42 29	44 29	40 25	50.1 32.0
NEWTOWN	MAX MIN		66 31	57 37	41 26	45 29	48 16	71 34	75 38	69 42	59 45	66 38	60 44	55 27	51 32	58 24	63 32	59 30	57 32	65 32	62 36	70 29	72 42	55 44	45 33	34 30	47 26	51 29	50 32	39 29	38 31	55.6 32.5	
OAKES	MAX MIN	48 40	51 30	61 38	67 35	43 45	43 25	41 25	61 41	62 41	76 49	66 41	70 43	65 36	51 32	52 34	58 26	53 22	53 22	58 32	62 38	46 32	51 33	70 35	68 38	64 34	38 32	45 28	53 29	49 29	38 25	39 26	55.0 32.9
PARK RIVER	MAX MIN	51 37	59 29	67 36	55 30	45 26	45 24	73 26	72 50	71 40	71 54	73 48	66 45	60 37	58 34	52 36	57 32	55 27	55 25	60 25	59 34	65 41	74 47	67 42	53 37	38 33	51 31	56 30	53 36	37 23	39 24	40 32	57.0 34.5
PARSHALL	MAX MIN	50 36	65 33	58 36	45 26	45 29	48 15	71 36	77 37	70 38	61 47	67 39	60 38	56 25	50 29	58 20	62 27	58 30	60 29	64 32	63 37	72 26	75 43	60 42	45 30	34 28	48 25	57 49	39 32	39 30	39 22	56.3 31.5	
PEMBINA 2 N	MAX MIN	51 37	57 27	60 38	58 32	46 27	48 25	59 25	70 38	72 52	71 44	70 46	63 52	63 34	50 29	55 20	52 23	54 23	60 29	62 37	66 34	71 43	70 38			52 34	61 25	58 35	29 35	15 30	39 26	59.6 32.9	
PETERSBURG	MAX MIN	49 30	55 26	65 32	58 26	43 25	41 21	60 27	70 48	72 36	69 50	68 45	65 41	56 33	53 30	55 34	48 28	53 25	59 30	60 35	72 47	74 41	65 41	56 41	34 31	47 29	55 23	50 32	33 26	38 23	38 26	55.2 32.2	
PETTIBONE	MAX MIN	51 33	57 29	64 31	58 32	42 30		70 39	65 38	63 40	71 42	62 39	59 36	58 31	50 26	51 30	55 28	51 30	55 27	63 33	53 36	64 36	71 41	60 36	51 34	36 31	42 28	54 24	46 28	34 19	37 25	29 21	54.3 31.7
PORTAL	MAX MIN	41 30	48 31	56 32	47 25	41 22	47 17	51 24	70 43	74 40	67 45	67 38	63 41	54 27	54 31	45 21	57 28	60 30	58 29	63 32	67 37	61 31	70 40	68 37	45 31	34 24	32 18	42 23	51 30	40 27	38 27	36 27	53.1 30.3
POWERS LAKE 1 N	MAX MIN	47 32	60 32	50 33	40 24	45 23	46 13	69 40	72 37	65 36	65 36	58 40	58 40	58 23	48 30	56 19	62 28	57 31	60 32	64 31	68 36	68 28	70 45	58 32	35 32	32 15	55 28	48 30	36 27		35 17	54.4 29.7	
RAUB 10 SSW	MAX MIN					50 25	50 31	73 37	78 42	73 48	63 50	67 42	61 40	57 32	50 39	58 26	64 35	60 32	57 33	65 37	63 35	62 35	74 36	61 41	46 20	38 25	49 22	58 28	51 30	48 30	39 29	40 26	57.6 32.8
RICHARDTON ABBEY	MAX MIN	52 35	62 31	63 39	55 29	51 33	50 20	75 48	78 37	71 48	65 48	67 37	58 41	55 33	52 29	59 24	64 38	60 35	55 35	66 31	61 33	71 42	65 40	48 31	32 29	42 25	52 28	46 29	39 32	38 28	39 27	57.0 33.6	
RIVERDALE	MAX MIN	49 37	47 31	59 35	60 30	41 30	48 15	47 22	68 40	76 47	70 45	66 40	69 42	60 34	57 36	47 30	55 32	60 31	58 31	64 30	62 35	69 30	73 42	56 38	38 30	33 27	47 27	58 31	43 32	38 29	37 25	55.3 32.8	
HOLLA	MAX MIN	45 31	57 29	57 34	42 29	45 23	41 16	56 29	77 40	71 48	67 47	68 41	60 39	58 30	45 29	51 31	56 33	49 24	55 25	58 28	55 34	64 31	69 43	52 38	43 30	32 28	48 21	52 27	50 30	33 23	38 21	52.5 30.7	
RUGBY	MAX MIN	46 35	61 33	58 39	46 28	46 29	44 16	62 33	76 41	74 38	70 41	72 43	60 42	58 32	52 32	52 29	58 30	60 29	60 29	62 32	60 37	68 33	71 45	68 45	47 33	38 32	47 25	57 32	56 34	38 24	37 25	56.1 33.2	
SAN HAVEN	MAX MIN	44 32	58 31	57 34	48 26	45 31	41 20	58 29	76 38	71 41	67 46	67 43	55 40	58 29	47 30	51 30	57 34	50 28	57 34	59 32	52 35	64 32	70 43	58 42	42 32	32 29	47 24	53 27	48 32	43 22	36 26	53.2 31.7	
SHARON	MAX MIN	50 37	56 28	66 41	61 28	44 27	44 21	63 30	71 49	73 42	62 50	69 46	59 42	52 35	48 29	52 35	56 28	50 28	61 32	63 38		60 42			50 30		53 25	52 30	48 33	35 27	40 23	42 20	54.8 33.2
STANLEY	MAX MIN	47 31	63 30	53 33	45 22	44 29	46 14	69 34	73 39	62 43	62 43	66 35	60 41	54 28	47 30	56 22	58 34	57 28	57 29	66 33	61 34	70 40	60 40	42 30	42 20	40 29	55 28	49 30	36 26	31 26	30 12	54.0 30.3	
STEELE	MAX MIN	53 35	62 30	65 38	59 32	46 33	45 17	67 35	80 40	73 42	68 46	70 42	61 42	60 31	56 27	55 32	60 30	57 24	59 27	64 33	59 37	59 28	72 39	70 39	60 35	37 31	47 29	52 25	52 31	39 26	39 29	57.6 32.5	
TOWNER	MAX MIN	49 30	66 30	60 30	46 22	45 25	47 11	62 29	78 38	72 34	72 38	66 40	59 37	61 27	59 29	62 23	60 30	56 28	66 24	65 28	69 29	70 49	72 30	63 49	43 30	37 26	48 30	58 25	48 31	40 28	37 28	57.2 29.5	
TURTLE LAKE	MAX MIN	49 37	60 31	62 34	54 29	50 33	46 16	67 34	78 41	73 43	65 47	68 38	60 42	59 32	49 30	55 28	58 32	57 29	59 28	65 31	60 40	69 41	75 43	62 41	49 32	30 26	46 21	56 27	43 33	39 26	36 28	56.3 32.3	
UNDERWOOD	MAX MIN	49 36	47 30	59 31	63 29	42 29	49 17	47 19	69 40	78 42	69 45	62 38	70 40	62 29	59 27	52 20	55 26	60 29	57 29	59 30	63 31	63 30	70 33	74 40	59 29	36 27	47 25	57 27	44 28	40 26	37 26	56.0 30.8	
UPHAM 3 N	MAX MIN	50 33	62 29	61 34	47 21	49 23	46 12	66 31		72 36	71 45					67 30	59 25	54 24								36 29	50 20	60 25	54 31	39 23	40 22	36 22	57.0 30.0
VALLEY CITY	MAX MIN	48 37	57 25	68 44	66 35	48 35	45 20	63 31	65 49	73 36	67 51	70 49	65 46	60 40	56 33	50 36	57 31	53 24	54 26	63 31	56 36	62 39	72 40	70 38	60 43	49 34	47 35	54 28	48 30	47 26	43 28	57.2 35.2	
VELVA	MAX MIN	49 38	61 33	58 36	40 33	45 31	45 15	68 34	79 46	74 38	66 49	69 38	59 42	58 35	50 34	55 27	57 34	54 22	62 27	65 34	62 39	69 31	73 41	53 41	46 33	36 28	47 28	56 32	51 34	39 29	38 29	55.9 33.5	
WAMPETON STATE SCHOOL	MAX MIN	50 48	61 36	67 50	52 34	46 35	49 22	55 33	59 46	64 36	65 52	70 49	65 47	59 39	57 35	53 33	60 28	53 26	54 27	59 33	59 38	66 47	70 43	70 40	70 40	65 37	42 36	54 26	54 34	41 28	40 27	43 23	57.2 36.3
WASHBURN	MAX MIN	44 37	59 30			51 19		70 36	80 41	70 45	64 47	68 41	61 45	59 34	50 31	56 28	62 33	59 29	59 32	64 35	59 30	72 30	77 43	60 43	58 38	44 31	49 28	58 30	49 32	39 31	37 33	41 26	57.1 34.2
WATFORD CITY	MAX MIN	52 34	67 35	56 37	39 24	50 26	53 19	75 35	77 41	71 45	61 46	68 34	59 42	54 29	52 30	61 25	67 31	63 34	56 36	67 31	61 29	70 31	72 39	55 43	44 30	36 29	48 26	58 28	49 32	40 24	42 26	56.9 32.4	
WATFORD CITY 14 S</																																	

Table 6

EVAPORATION AND WIND

NORTH DAKOTA
OCTOBER 1954

Station		Day of month																															Total or ave	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
RIVEROALE	EVAP WIND	.18 81	.06 99	.12 125	.13 134	.11 67	.10 76	.13 219	- 146	.13 34	.13 50	.07 71	.14 171	.18 174	.16 125	.19 205	.12 53	.08 57	.17 155	.13 125	.07 171	.10 47	.12 82	.20 99	.21 330	- 162	-	-	-	-	-	-	-	37928

Table 7

SNOWFALL AND SNOW ON GROUND

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALMONT 7 SW	SNOWFALL SN ON GND																									1.5 1	2.0 2		T			1.2		
AMENIA	SNOWFALL SN ON GND																														T			
AMIOON	SNOWFALL SN ON GND																									1.0 1	3.0 4					T		
ASHLEY	SNOWFALL SN ON GND																										T				T			
BEACH	SNOWFALL SN ON GND																								3.0 3	1.0 2								
BELCOURT INDIAN RES	SNOWFALL SN ON GND	T														T									1.0 1	T T			T T	T T	T T	T T		
BELFIELD	SNOWFALL SN ON GND																								2.0 2	1.0 3	2							
BEULAH	SNOWFALL SN ON GND																									-	-							
BISBEE	SNOWFALL SN ON GND																									T				T				
BISMARCK WB AP	SNOWFALL SN ON GND																									1.5 T	0.2 T		T	T	0.4 T	T		
BOTTINEAU	SNOWFALL SN ON GND	2.0 1	D.2													D.4									0.8 T	0.6 T				0.9 T	0.2 T			
BOWBELLS	SNOWFALL SN ON GND																								3.0 3	2	1							
CARSON NO. 2	SNOWFALL SN ON GND																									4.0 4	D.7 2	T	T	T	1.0 1	T		
CENTER	SNOWFALL SN ON GND																									0.5 T	T T		T T		T			
DEVILS LAKE WB CITY	SNOWFALL SN ON GND																									T T			0.1	0.3	0.1 T	D.9		
DICKINSON CAA AP	SNOWFALL SN ON GND																								1.1 1	2.3 1	D.5 3	T	T	T	T	T		
DICKINSON EXP STATION	SNOWFALL SN ON GND																									0.5								
DUNN CENTER	SNOWFALL SN ON GND																									1.0 1	T T			T T	T T			
EOMORE 1 W	SNOWFALL SN ON GND																													T		1.0		
ELLEDALE	SNOWFALL SN ON GND																										T	T	T	T	T	T		
FARGO WB AP	SNOWFALL SN ON GND																												T	T		T		
FORT YATES	SNOWFALL SN ON GND																										T T	3.0 1	T T	T T	T T	T T		
FOXHOLM 7 N	SNOWFALL SN ON GND																								4.0 1					T				
FULLERTON	SNOWFALL SN ON GND																										D.4			T				
GARRISON	SNOWFALL SN ON GND																														D.3 T			
GRAFTON STATE SCHOOL	SNOWFALL SN ON GND																													T			T T	
GRAND FORKS CAA AP	SNOWFALL SN ON GND																														T		D.8	
GRAND FORKS UNI	SNOWFALL SN ON GND																												T	T		0.5		
GRANVILLE	SNOWFALL SN ON GND															T										T					T			
HANSBORO	SNOWFALL SN ON GND	T																								1.0 1	T T			T T		0.7 T		
HETTINGER	SNOWFALL SN ON GND																									- 3	- 2	1	1					
JAMESTOWN CAA AP	SNOWFALL SN ON GND																										T	T		T	T	T	T	
MANDAN EXP STATION	SNOWFALL SN ON GND																											- 2				T T		

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
OCTOBER 1954

Table 7 -CONTINUED

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MAYVILLE	SNOWFALL SN ON GND														T															T		0.5	
MC HENRY 5 N	SNOWFALL SN ON GND																									T			T	T	0.1	T	
MEOORA 4 NNE	SNOWFALL SN ON GND																								T	0.1			T				
MINOT CAA AP	SNOWFALL SN ON GND														T										T	T			T	T	T		
MINOT EXP STATION	SNOWFALL SN ON GND																									2.5 3					D.5 1		
MOHALL	SNOWFALL SN ON GND	T																							1.0 1	T			T	T	T		
MONTPELIER	SNOWFALL SN ON GND																										T		T	T	T		
MOTT	SNOWFALL SN ON GND																									1.0 1	2.0 1						
MUNICH 4 SW	SNOWFALL SN ON GND																									T						T	
OAKES	SNOWFALL SN ON GND																										T					T	
PARSHALL	SNOWFALL SN ON GND																								T	T			T		T		
PETTIBONE	SNOWFALL SN ON GND																												T				
PRETTY ROCK	SNOWFALL SN ON GND																									4.0 4	3	3	T	2	2	1.0 1	T
RICHAROTON ABBEY	SNOWFALL SN ON GND																								T	0.8 1	1.6 1		T		D.3		
RIVERDALE	SNOWFALL SN ON GND																									D.5 1	T				0.2 T		
ROLLA	SNOWFALL SN ON GND	D.5																							3.0 2	T	T		D.5 1	T	T	1.0 1	
SAN HAVEN	SNOWFALL SN ON GND	T													T										T	T			T	T	T	T	
SHARON	SNOWFALL SN ON GND																												T	T		T	
UPHAM 3 N	SNOWFALL SN ON GND																								1.0 T						T		
VALLEY CITY	SNOWFALL SN ON GND																																T
WESTHOPE	SNOWFALL SN ON GND																									T							
WILLISTON WB CITY	SNOWFALL SN ON GND														T										3.0 T				0.1				T
WILLOW CITY	SNOWFALL SN ON GND																												1.0 T		T	T	

STATION INDEX

NORTH DAKOTA
OCTOBER 1934

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Adams 7 S	0022	Walsh	10	48 20	96 08				SP Myron J. Banta	3
Alexander	0068	McIntosh	13	47 30	103 38	2200			SP Arthur J. Suman	3
Almont 7 SW	0139	Worth	4	46 43	101 38	2300			7P Bogen Rasmund	2 3 5 7
Andrews	0199	Dodge	12	46 59	103 28	2050			SP Soc Line Agent	2 3 5 7
Assiniboia	0186	Cass	11	47 00	97 13	800			89 Virgil L. Oshaka	2 3 5 7
Andison	0209	Slope	1	46 29	101 19	2610			5A Virginia W. Zundel	2 3 5 7 C
Antler	0283	Bottineau	12	46 56	101 20	1450			5A W. B. Wegner	2 3 5 7 C
Arvilla State Park	0358	Grand Forks	10	47 58	97 30	850			SP Albert Thoresen	2 3 5 7 C
Ashley	0392	McIntosh	13	47 00	98 22	2025			88 Soc Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	89 02	1300			WIO Corps of Engineers	C
Balfour	0482	McHenry	12	47 57	102 32	1615			WID Raymond W. Weller	2 3 5 7 C
Balke	0500	Pierce	11	49 10	100 02	1550			6P Anton Schmitt	3
Bantry	0515	McHenry	12	46 50	103 36	1450			8A Temple K. Roberts	2 3 5 7 C
Beach	0590	GoldenValley	7	46 55	104 01	2614			6A Helen Tobias	2 3 5 7 C
Belcourt Indian Res.	0629	Kolette	9	46 50	89 45	1660			7P Turtle W. Lind. Ag.	2 3 5 7 C
Bellevue	0636	Stark	4	46 53	103 11	2582			7P Carl Idagergard	2 3 5 7 C
Berthold	0729	Ward	12	46 19	101 44	2090			SP Joseph S. Cox	2 3 5 7 C
Berthold	0758	Merced	5	46 19	101 47	1760			6A Mont. Dak. Trill. Co.	2 3 5 7 C
Blakes	0788	Turner	2	46 37	88 22	1800			SP Robert J. Erick	2 3 5 7 C
Blensker WB Airport	0818	Burleigh	5	46 49	100 45	1850			WID U.S. Weather Bureau	2 3 5 7 C
Blensker 12 ENE	0827	Burleigh	9	45 51	100 33	1708			SP KFR Transmitter	3
Bottineau	0941	Bottineau	12	46 50	100 27	1640			9A N.D. Sch. of Pretry	2 3 5 7 C
Bourke	0951	Burke	1	47 04	98 18	2300			6A Felix L. Adams	2 3 5 7 C
Bowman Court House	0865	Bowman	3	46 11	103 23	2680			SP O. S. Book	2 3 5 7 C
Bowman 11 SE	0899	Bowman	3	46 04	103 19	2610			SP Bernard L. Donagale	3
Bowman 30 NW	1001	Glope	1	46 24	103 31	2505			3P John B. Senon	3
Breien	1052	Worth	7	46 35	106 36	1720			WID Frank E. Potter	3
Buchanan	1124	Stutsman	3	47 04	98 48	1872			WID W. S. Hendrickson	3 C
Burt 16 N	1218	Bellevue	1	46 39	102 05	2344			6P Jacob Gruhele	3
Butta	1225	McHenry	12	47 50	100 40	1860			9A Earl R. Ward	2 3 5 7 C
Cando	1286	Turner	2	46 29	88 12	1461			WID Barry E. Serrie	2 3 5 7 C
Carrington	1360	Forster	3	47 27	89 08	1579			7A Soc Line Agent	2 3 5 7 C
Carson	1385	Grant	4	46 25	101 34	2300			SP Vincent Magill	2 3 5 7 C
Carson No. 2	1379	Grant	4	46 25	101 34	2310			SP W. D. Drummond	2 3 5 7 C
Cavelier	1435	Pemine	9	46 49	87 38	869			SP Willie Rensen Pico	2 3 5 7 C
Center	1456	Oliver	9	47 07	101 19	2100			7P Fred L. Belz	2 3 5 7 C
Colgate	1686	Steele	10	46 14	97 30	1150			SP John P. Burdell	2 3 5 7 C
Columbia	1696	Burke	1	46 55	102 47	1930			SP J. D. Lundell	3
Cooperstown	1755	Griggs	11	47 25	89 07	1429			SP Deleud M. Warren	2 3 5 7 C
Courtesy	1816	Stutsman	3	47 13	98 34	1533			SP G. S. Banwell	2 3 5 7 C
Crosby	1971	Divide	12	46 54	103 18	1954			SP Vernon V. Nichols	2 3 5 7 C
Devils Lake WB City	2016	Kidder	9	46 45	98 45	1850			SP Ralph W. Wise	2 3 5 7 C
Dickinson CAA AP	2159	Ramsey	2	46 07	95 52	1471			WID U.S. Weather Bureau	2 3 5 7 C
Dickinson Msp. Station	2168	Stark	4	46 47	102 45	2580			WID U.S. Civil Aero Adm.	2 3 5 7 C
Donnybrook	2242	Ferd	12	46 51	103 53	1760			7A Dickinson Msp. Sta.	2 3 5 7 C
Dreke	2288	McHenry	12	46 58	100 23	1854			SP Fred R. Feldner	2 3 5 7 C
Dunn Center	2363	Dunn	9	47 21	102 37	2191			5A M. J. Evans	2 3 5 7 C
McKen	2472	Bottineau	12	46 39	101 03	1500			6A Charles C. Neustel	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			7A Soc Line Agent	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			6A M. D. April Exp. Sta.	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Mike Davis	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Art A. Belinger	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Paul Gress	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID Walter Peterson	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP P. Beasler	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID Lyle O. Forling	5 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP John Petrzak	5
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID M. D. Weather Bureau	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Paul A. Post	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			6A George M. Sinclair	3
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Palmer M. Dunham	3
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Theodore A. Wirth	3
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Art Wetman	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Earl Wetman	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP D. S. Wildlife Ref.	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID Mier Stuhliker	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP F. O. Allis	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Alvin Bammel	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			7A Albert J. Beirle	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID Frederick J. Anshore	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Christ Schilling	3
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Robert B. Beckliech	3
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID L. D. Bondard	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Grafton State School	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID D. S. Civil Aero Adm.	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID University of N.D.	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Albert J. Nees	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID Gerald E. Borelle	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			7P Fred Rohle	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID Sam Charchenko	3
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Heel G. Crist	3
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			10P L. D. Nielson	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID J. M. Crawford	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Maurice B. Wason	5 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			7A Soc Line Agent	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID Ben Benson	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP D. S. Customs Office	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			7P Charles R. Dieler	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Stephen Schroder	3
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID Basen Ryse	3 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID V. O. Shaw	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Fred O. Forbush	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID D. J. Oerbracht	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Alfred Janke	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID Ruth Buchwitz	3
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID M. D. Civil Aero Adm.	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			7P M. D. State Hospital	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Kenneth V. Bergat	3
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			9A Theo. W. McKersy	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP D. S. Wildlife Ref.	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Leonard J. Davis	3 7
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID Paul A. Wretschke	3
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP John Strobel	5
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP V. T. Sturkula	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			6P Louise Schaefer	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Genie Engen	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP John Fager	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Joseph Link	3
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Leonard T. Malone	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP W. D. Soldiere Rose	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP William E. Rugh	5
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Lostwood W. L. Ref.	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Senon Cy Agr Sch.	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			9A W. D. P. Wildlife Sta.	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Park Supt.	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID Donald Jeffereis	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP B. P. Drane	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID M. E. Jeane	5 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Myron M. Hessler	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			6A B. S. Schifer	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP E. A. Ragas	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			SP Mier L. Schielke	2 3 5 7 C
Edgely Exp. Farm	2482	McHenry	12	46 58	100 42	1598			WID L. R. Wickham	2 3 5 7 C

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

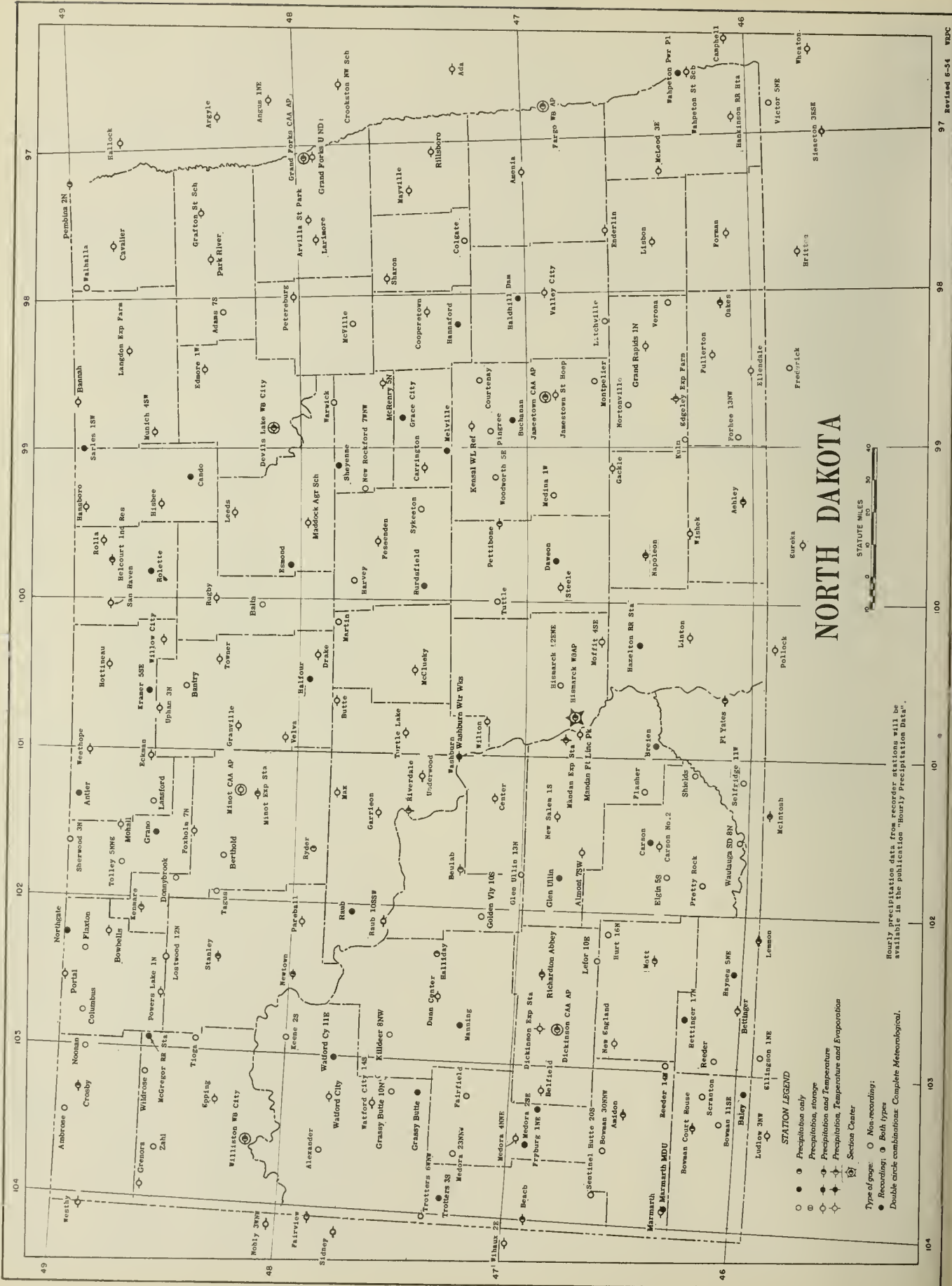
Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- ⊙ Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.
- No record in Tables 3, 5, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent this value for the full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
- T Traces, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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W.R.P.C., Kansas City, Mo. -- 12-15-54 -- 880



NORTH DAKOTA

STATUTE MILES
0 10 20 30 40

SYMBOL LEGEND

- Precipitation only
- Precipitation, storage
- ◆ Precipitation and Temperature
- ◆ Precipitation, Temperature and Evaporation
- ◆ Section Center

Type of page: ○ Non-recording;
● Recording; ◆ Both types
Double circle combinations Complete Meteorological.

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

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CLIMATOLOGICAL DATA

NORTH DAKOTA

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NOVEMBER 1954
Volume LXIII No. 11



WEATHER SUMMARY

November was mostly mild and sunny, excellent for outdoor work.

Temperatures were much above normal except at the beginning and at the close of the month and on the 14th. Temperatures averaged almost 8° above normal over the eastern third of the State and almost 9° above normal over the central and western thirds. Daily means approached 20° above normal over the western part of the State on several days. The monthly range was from 74° at Fort Yates and Willow City on the 6th to -4° at Cooperstown on the 30th.

The first three weeks were extremely pleasant with little or no rain at most stations. Precipitation during the final week, which occurred as rain, sleet, and snow, brought the State average to 0.21 inch, about 1/3 of the normal. Many stations in the south central part received less than 0.10 inch; a few in the extreme northeast received over 0.50 inch. Snowfall also was heaviest in the northeast with the greatest amount, 8.0 inches, at Walhalla. Many stations in the western half of the State received only a few flakes and some reported none.

The mild pleasant weather was excellent for outdoor work. There was considerable fall plowing but the soil was getting quite dry. Near record yields of sugar beets were being harvested. Livestock were in good condition. The final week began warm and sunny but became cool and cloudy with freezing rain, sleet, and snow making the streets and roads hazardous and stopping outdoor activity except in the towns and cities.

Lucius W. Dye

SUPPLEMENTAL DATA

NORTH DAKOTA
NOVEMBER 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
BISMARCK WB AIRPORT	WNW	14	10.7	50	NW	23	80	84	58	66	3	6	0	0	0	0	9	63	6.3
DEVILS LAKE WB CITY	-	-	9.1	32	NW	23	-	-	-	-	9	4	1	0	0	0	14	45	6.9
FARGO WB AIRPORT	NNW	23	16.2	50	NW	23	75	80	62	65	6	6	0	0	0	0	12	51	7.4
WILLISTON WB CITY	-	-	7.3	31	NW	26	76	82	63	65	4	5	0	0	0	0	9	55	7.1

COMPARATIVE DATA

NOVEMBER

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall	
1892	22.3	75	-26	0.79	7.4		1917	36.8	77	-7	0.13	1.4		1942	28.0	73	-14	0.18	1.5	
1893	22.4	74	-27	0.57	4.6		1918	28.9	71	-18	0.96	5.3		1943	28.7	63	-4	0.44	4.2	
1894	23.1	71	-25	0.47	2.6		1919	15.6	57	-36	1.15	11.8		1944	27.1	70	-21	2.25	8.8	
1895	20.6	76	-25	1.09	8.2		1920	28.0	65	-14	0.34	2.1		1945	22.3	75	-26	0.48	5.3	
1896	8.1	62	-32	2.23	21.7		1921	21.0	69	-30	0.69	6.3		1946	25.3	68	-22	0.35	3.3	
1897	20.0	86	-28	0.32	2.8		1922	31.8	65	-8	2.24	6.3		1947	22.5	63	-19	1.05	11.1	
1898	23.0	59	-30	0.34	3.1		1923	36.5	72	-5	0.47	0.6		1948	29.4	68	-19	1.11	3.9	
1899	36.0	68	2	0.31	1.0		1924	27.6	69	-15	0.18	1.9		1949	37.1	75	-13	0.30	2.2	
1900	20.4	64	-29	0.32	5.2		1925	28.8	69	-17	0.24	1.3		1950	21.6	70	-23	0.49	5.8	
1901	26.8	70	-7	0.13	1.6		1926	21.5	68	-23	0.62	6.2		1951	21.8	59	-24	0.28	3.6	
1902	29.6	69	-12	0.24	1.9		1927	20.7	59	-24	0.69	7.1		1952	30.3	71	-18	0.47	0.9	
1903	25.3	78	-20	0.26	2.5		1928	31.0	70	-11	0.48	0.2		1953	35.4	75	-6	0.36	3.2	
1904	35.7	80	-10	0.09	0.7		1929	24.8	70	-21	0.53	5.2		1954	35.7	74	-4	0.21	1.2	
1905	31.6	88	-18	1.36	11.0		1930	29.4	72	-21	0.87	6.2								
1906	23.8	68	-16	1.49	10.2		1931	30.3	78	-10	0.55	5.0								
1907	30.2	85	-15	0.08	0.7		1932	25.2	70	-17	0.51	4.6								
1908	31.1	75	-15	0.94	8.2		1933	28.3	78	-15	0.65	6.6								
1909	29.4	88	-23	0.48	4.6		1934	33.9	73	-1	0.28	1.0								
1910	23.9	68	-23	0.40	3.2		1935	17.2	57	-25	0.73	8.1								
1911	16.7	58	-33	0.64	7.1		1936	28.0	69	-28	0.34	4.0								
1912	31.8	70	1	0.07	0.5		1937	25.2	73	-25	0.41	3.5								
1913	34.1	77	-2	0.22	1.6		1938	23.8	75	-21	0.87	7.9								
1914	30.7	83	-30	0.33	2.6		1939	34.9	74	-4	0.03	T								
1915	28.1	71	-10	0.95	3.7		1940	22.0	59	-28	0.59	7.1								
1916	28.8	75	-18	0.27	1.7		1941	30.5	69	-17	0.40	3.6								

Average for the period 1948 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature										Precipitation																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
											Max.		Min.		Total					Snow	Sleet	Hail	Total	Max. Depth on Ground	Date	18 or More ⁰	50 or More	100 or More																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
											90° or Above	32° or Below	32° or Below	0° or Below																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
EASTERN DIVISION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2 - CONTINUED

NORTH DAKOTA
NOVEMBER 1954

Station	Temperature											Precipitation													
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days			
										Max.	Min.	Total	Total	Max. Depth on Ground					Date	1.0 or More	1.00 or More	1.00 or More			
																							90° or Above	32° or Below	32° or Below
MC LEOD 3 E	44.8M	24.0M	36.4M	6.7	70	10	7	30	852	0	1	26	0	0.22		0.15	26	2.5	2	28+	1	0	0	0	0
MUNICH 4 SW	41.4	21.8	31.6		59	5	7	2+	993	0	6	30	0	0.13	- 0.43	0.05	26	1.1	1	30	0	0	0	0	0
OAKES	47.4	22.2	34.8	6.2	67	11	3	2		0	3	29	0	0.42	- 0.21	0.25	17	2.0	2	29+	2	0	0	0	0
PARK RIVER	43.5	24.7	34.1	7.1	60	5	0	30	920	0	5	24	1	0.79	0.04	0.52	17		4	28+	2	1	0	0	0
PEMBINA 2 N	44.1M	23.5	33.8M	10.4	58	5	7	2	922	0	6	26	0	0.73	0.09	0.24	17	3.0	3	28+	4	0	0	0	0
PETERSBURG	42.0	22.8	32.4		60	7	7	2	974	0	6	28	0	0.30	- 0.42	0.15	28	2.5	2	28+	2	0	0	0	0
SHARON	43.4	23.0	33.2	8.5	60	5+	0	30	945	0	6	27	1	0.27	- 0.41	0.13	26	1.8			2	0	0	0	0
VALLEY CITY	46.7	25.1	35.9	7.9	62	5+	4	2	864	0	3	23	0	0.17	- 0.52	0.04	26+	2.3	1	28+	0	0	0	0	0
WAHPETON STATE SCHUUL	48.1	26.0	37.1	8.1	71	10	6	2	832	0	3	24	0												
DIVISION			34.5	7.7										0.35	- 0.37			2.3							
MIDDLE DIVISION																									
ASHLEY	49.5	24.0	36.8	8.8	68	6	6	2	839	0	2	28	0	0.03	- 0.52	0.03	30	0.5	1	30	0	0	0	0	0
BELCOURT INDIAN RES	41.6	21.8	31.7		60	5+	3	2	990	0	7	28	0	0.35		0.18	26	3.0	3	28+	2	0	0	0	0
BISBEE	42.2	24.1	33.2	6.8	59	6	10	30	948	0	7	29	0	0.16	- 0.31	0.16	26	1.0	1	26+	1	0	0	0	0
BISMARCK WB AP	48.6	24.1	36.4	8.0	72	6	3	30	850	0	4	25	0	0.09	- 0.44	0.03	26	0.5	T	29+	0	0	0	0	0
BUTTINEAU	42.3	21.6	32.0	8.4	65	7	4	30		0	4	29	0	0.24	- 0.23	0.10	26	0.7	1	28+	1	0	0	0	0
BUTTE	45.9M	24.6M	35.3M	8.8			2	30		0	4			0.12	- 0.48	0.05	20+	0.5	1	28+	0	0	0	0	0
CARSON NO 2	49.5	26.1	37.8	8.0	72	6	9	1	811	0	3	22	0	0.12	- 0.45	0.05	17	1.0	1	29+	0	0	0	0	0
CENTER	49.0M	23.3M	36.2M	7.7	70	6	0	30	856	0	3		1	0.25	- 0.26	0.11	20+	T	T	28+	2	0	0	0	0
CRANE	45.6M	23.9M	34.8M	8.9			7	30		0	4			0.21	- 0.33	0.12	28		T	28	1	0	0	0	0
ECKMAN	44.7	20.5	32.6	7.2	67	7	0	30		0	5	30	1	0.15	- 0.34	0.10	26	T	T	27+	1	0	0	0	0
FESSENDEN	46.4	23.1	34.8	8.2	68	6	0	30	903	0	4	27	1	0.33	- 0.27	0.13	26		T	1+	2	0	0	0	0
FORT YATES	52.0	26.4	39.2	9.2	74	6	10	2	765	0	2	22	0	0.10	- 0.35	0.10	30	1.0	1	30	1	0	0	0	0
FUXHOLM 7 N	48.0	24.6	36.3	10.7	67	6	1	30	853	0	3	25	1	0.04	- 0.64	0.04	27	1.0	1	27+	0	0	0	0	0
GARRISON	48.1	22.9	35.5	9.0	70	7	3	30		0	3	27	0	0.04	- 0.45	0.03	28	0.3	T	28+	0	0	0	0	0
GRANVILLE	48.3	25.1	36.7	10.3	70	6	1	30	842	0	3	28	0	T	- 0.54	T	20+	T	T	27+	0	0	0	0	0
HANSBORD	42.5M	24.2M	33.4M	9.9					944	0				0.32	- 0.22	0.16	26	2.0	2	28+	2	0	0	0	0
LEES	44.2	23.7	34.0		64	6	8	30	928	0	5	28	0	0.34		0.15	26	2.2	2	29+	1	0	0	0	0
LINTON	50.8	23.4	37.1	8.3	72	6	10	2+	829	0	2	27	0	0.08	- 0.37	0.04	20+	1.0	1	28+	0	0	0	0	0
MAUDUCK AGR SCHOOL	44.8	23.8	34.3	8.1	64	6	7	2+	915	0	3	28	0	E	- 0.28	0.18	26	0.4	0	0	2	0	0	0	0
MANAND EXP STATION	49.4	24.7	37.1	8.2	72	7	4	30		0	3	25	0	0.11	- 0.41	0.05	26	0.4	T	28+	0	0	0	0	0
MANAND FT LINCOLN PARK	50.1	26.7	38.4	73	6	5	30		789	0	3	22	0	0.13		0.08	17	T	T	27+	0	0	0	0	0
MAX	46.9M	23.5	35.2M	9.5	68	7	9	1+		0	3	27	0	0.23	- 0.27	0.08	27	0.6	T	26+	0	0	0	0	0
MC CLUSKY	46.4	25.3	35.4	10.3	69	6	2	30	867	0	4	24	0	0.60	- 0.05	0.53	26	T	T	27+	1	1	0	0	0
MINUT CAA AP	46.4	25.5	36.0	7.9	68	6	3	30	863	0	4	21	0	0.11	- 0.55	0.06	28	1.1	1	28+	0	0	0	0	0
MINUT EXP STATION	46.2	23.8	35.0	68	7	2	30			0	4	25	0	0.08		0.04	28	1.0	1	28+	0	0	0	0	0
MUFFIT 4 SE	49.1	23.8	36.5		70	6	0	30	849	0	3	26	1	0.21		0.09	26	0.4	T	28+	0	0	0	0	0
MUHALL	45.3	23.7	34.5	9.5	67	6	4	30	905	0	5	26	0	0.03	- 0.51	0.02	27	T	T	27+	0	0	0	0	0
NAPOLEON	47.8	24.7	36.3	9.5	68	6	7	30	854	0	3	26	0	0.17	- 0.41	0.06	28	1.6	2	30	0	0	0	0	0
NEW SALEM 1 S	48.4	25.1	36.8	7.2	71	6	7	30	840	0	3	24	0	0.09	- 0.39	0.04	27	0.7							
PETTIBONE	45.6	22.9	34.3	8.2	67	6	2	30	914	0	3	29	0	0.28	- 0.25	0.17	28	0.5	1	28+	1	0	0	0	0
RIVEROALE	46.8	24.9M	35.9M	67	7	6	30			0	3	26	0	0.13		0.05	27	1.0	1	28+	0	0	0	0	0
ROLLA	41.3	22.8	32.1	8.9	59	5+	8	30	982	0	7	28	0	0.49	- 0.06	0.15	17	3.3			3	0	0	0	0
RUGBY	45.1	24.8	35.0	67	6	6	30		895	0	5	25	0	0.24	- 0.28	0.10	26								
SAN HAVEN	42.5	25.0	33.8	9.7	62	6	9	30	930	0	6	25	0	0.24	- 0.26	0.09	26	2.6	3	28+	0	0	0	0	0
STEELE	48.9	23.6	36.3	9.8	70	6	2	30	855	0	2	28	0	0.14	- 0.33	0.14	30	2.5	3	30	1	0	0	0	0
TOWNER	46.4	20.8M	33.6M	8.2	68	6	1	30	939	0	3		0	0.10	- 0.43	0.05	20+	1.0	1	28+	0	0	0	0	0
TURTLE LAKE	48.5	24.2M	36.4M	8.3	70	6	2	30	871	0	3		0	0.23	- 0.19	0.10	26		T	26+	1	0	0	0	0
UNDERWOOD	47.7	23.2	35.5		69	7	6	30		0	3	28	0	0.15		0.08	28	0.7	T	1+	0	0	0	0	0
UPHAM 3 N	46.9M	22.4M	34.7M		69	6	4	30	904	0	3	29	0	0.13		0.06	22	0.2	T	27+	0	0	0	0	0
VELVA	47.7	25.1	36.4	9.0	69	6	1	30	849	0	3	24	1	0.20	- 0.44	0.11	20	1.0	1	28+	1	0	0	0	0
WASHBURN	49.0M	25.6M	37.3M	7.9	71	6	4	30	816	0	3		0	E	- 0.40	0.03	20	0.1	T	27	0	0	0	0	0
WESTHUPE	44.0	22.6	33.3	8.2	66	6	8	1	945	0	6	29	0	0.12	- 0.43	0.06	28	1.0	1	28+	0	0	0	0	0
WILLOW CITY	44.9	22.2	33.6	10.9	74	6	6	30	936	0	3	30	0	0.17	- 0.39	0.09	26	1.0	T	1+	0	0	0	0	0
WILTON										0															
WISHEK	50.4M	24.0M	37.2M	8.8	68	6			834	0	3			T	- 0.45	T	20	0.0	0			0	0	0	0
DIVISION			35.3	8.6										0.17	- 0.42			0.9							
WESTERN DIVISION																									

NORTH DAKOTA
NOVEMBER 1954

Station	Total	Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
SW	.50 .13 .03 .12 .18	T													.08		T	T					.08	.01	T	T	.11 T .07 T	.11 T .06 T	.11 T .06 T	T	T				
TATE PARK	.02 .55 .03 .34 .23		T											T			T	.04			.05			.16		.02 T .26 T	.01 T .01 T	.08 T .08 T	.08 T .08 T	.03 T .03 T					
INDIAN RES	.20 .35 .21 .12 .01	.01															T	.10	T					T		.10 T .18 T	.14 T .16 T	.01 T .05 T	.01 T .06 T	T					
WB AP 12 ENL	.10 .09 .04 .24 .19	R//																T	T		T		T			.01 T .03 T	.10 T .04 T	.01 T .03 T	.01 T .03 T	.01 T .05 T					
URT HOUSE SE NNW N N 2	.09 .07 T .03 .12 .28 .12 .44 .25 .30		T														.05							T		T		.04 T .02 T	.01 T .03 T	.01 T .03 T	.01 T .03 T				
WN	.34 .55 .10 .18 .37		T															T							T		.10 T .04 T	.08 T .05 T	.02 T .01 T	.02 T .03 T	.02 T .03 T				
KE WB CITY	.12 .11 .14 .21 .09	R//																T			T			.04			.06 T .08 T	.02 T .02 T	.02 T .02 T	.02 T .02 T					
EXP FARM	.15 .06 .34 .01 .20																T	T								.05 T .14 T	.10 T .02 T	.01 T .08 T	.01 T .08 T	.01 T .08 T	.01 T .08 T				
AP	.03 .14 .17 .33	R//																T									.03 T .07 T	.04 T .05 T	.04 T .05 T	.04 T .05 T	.04 T .05 T				
NW	.01 .15 .22 .12 .10																	T	T								.03 T .05 T	.03 T .05 T	.03 T .05 T	.03 T .05 T	.03 T .05 T				
N	.04 .24 .18 .04 .01																	T		T							.02 T .10 T	.04 T .01 T	.04 T .01 T	.04 T .01 T	.04 T .01 T	.04 T .01 T			
N 13 N	.01																	T									.02 T .01 T	.02 T .01 T	.02 T .01 T	.02 T .01 T	.02 T .01 T	.02 T .01 T			
LLEY 10 S	1.02 .69 .09 .17	E																T									.07 T .19 T	.11 T .08 T	.10 T .05 T	.10 T .05 T	.10 T .05 T	.10 T .05 T			
KS CAA AP	.03 .14 .17 .33	R//																T									.03 T .07 T	.03 T .07 T	.03 T .07 T	.03 T .07 T	.03 T .07 T	.03 T .07 T			
KS UNIVERSITY	.01 .15 .22 .12 .10																	T	T								.03 T .05 T	.03 T .05 T	.03 T .05 T	.03 T .05 T	.03 T .05 T	.03 T .05 T			
OS 1 N	.04 .24 .18 .04 .01																	T		T							.02 T .10 T	.04 T .01 T	.04 T .01 T	.04 T .01 T	.04 T .01 T	.04 T .01 T	.04 T .01 T		
TE 10 N	.34 .																																		

DAILY PRECIPITATION

NORTH DAKOTA
NOVEMBER 1954

Table 3--Continued

Station	Total	Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
NEW ROCKFORD 7 WNW	.26																	.04									.16	T	.06						
NEW SALEM 1 S	.09																	T	T								.02	.04	.03		T				
NEWTOWN	.20																				.05						.08	T	.07						
NOONAN	.31																																		
NORTONVILLE	T													T						.09							.03	.10	.02	.04	.03	T			
OAKES	.13	T																										.05	.04	.04	T				
PARK RIVER	.42															T		.25										.10	T	T	.07				
PARSHALL	.10																				.02							.06	T	T	.01				
PEMBINA 2 N	.79																	.52										.04	.03	.20	T				
PETERSBURG	.73																	.24										.16	.13	.02	.14	.04			
PETTIBONE	.28																	.03										.08		.17					
PINGREE	.21																	.01										.04	.06	E.10		T			
PORTAL	.11																											.01		.03					
POWERS LAKE 1 N	.19																											.04	.06	.10		T			
PRETTY ROCK	.02																											.08	T	T	T				
RAUB 10 SSW	.02																	.02		.11								T	T						
REEDER	T																																		
REEDER 14 N	.04	T																.04																	
RICHARDSON ABBEY	.19																																		
RIVERDALE	.13	T																																	
ROLLA	.49																	.15																	
RUGBY	.24																																		
RYGER	.18																																		
SAN HAVEN	.24												.05																						
SCRANTON	.02	T																																	
SELFRIEGE 11 W	.67																																		
SENTINEL BUTTE 20 S	.13																																		
SHARON	.30																																		
SHERWOOD 3 N	.04																																		
SHIELDS	.02																																		
STANLEY	.17																																		
STEELE	.14	T	T																																
SYKESTON	.34																																		
TAGUS	.03																																		
TIOGA	.35																																		

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
NOVEMBER 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX MIN	33 8	49 13	46 28	50 22	64 28	72 41	61 32	57 32	55 29	60 29	50 26	60 33	50 22	46 14	63 34	55 39	56 35	46 28	52 32	48 17	55 29	56 32	55 35	41 25	38 17	50 30	43 22	27 20	26 16	20 13	49.5 26.7	
AMENIA	MAX MIN	33 15	49 4	45 23	47 16	64 22	56 27	62 36	54 20	59 24	65 33	57 31	55 26	53 36	43 20	57 26	51 35	52 35	46 37	43 25	53 24	47 25	48 22	50 38	43 32	33 24	38 24	38 24	28 20	28 17	19 2	47.2 24.4	
AMIDON	MAX MIN	39 11	34 15	68 30	45 25	57 35	64 39	68 31	58 25	55 34	60 34	60 27	50 30	63 35	60 20	48 34	62 41	58 33	53 25	52 28	48 34	55 25	46 30	63 35	62 32	43 22	42 22	48 34	48 24	42 28	21 16	51.7 27.3	
ARVILLA STATE PARK	MAX MIN	32 13	40 3	40 30	46 15	62 19	55 23	62 35	48 16	55 18	59 32	55 25	53 19	47 28	34 6	49 26	41 22	45 35	41 34	43 24	54 20	50 21	48 23	37 35	31 22	36 24	32 20	28 17	21 12	18 0	43.6 21.6		
ASHLEY	MAX MIN	34 9	44 6	46 27	46 14	64 29	68 28	58 27	58 32	57 30	62 31	52 25	61 28	53 36	51 11	61 24	58 28	57 32	46 25	50 28	52 31	51 26	54 23	52 35	40 21	34 10	48 24	43 26	36 20	26 18	22 16	49.5 24.0	
BEACH	MAX MIN	43 8	30 8	58 21	46 21	57 25	65 38	69 26	57 29	56 28	62 29	62 20	50 21	63 35	42 20	55 27	61 32	58 34	55 24	49 24	56 29	48 23	51 20	62 33	45 20	43 20	50 30	44 30	42 22	29 14	22 5	51.2 24.2	
BELCOURT INDIAN RES	MAX MIN	25 10	44 3	40 24	42 13	60 25	60 29	56 35	47 19	52 30	55 28	47 22	42 23	41 21	28 7	58 25	43 28	40 28	36 30	50 27	47 26	52 26	45 24	45 34	38 28	30 21	35 19	30 19	23 15	18 13	18 6	41.6 21.8	
BELFIELD	MAX MIN	32 9	58 14	45 29	54 18	64 38	70 35	60 30	56 20	63 19	59 23	53 19	62 23	63 32	53 14	63 24	58 34	54 30	54 23	45 28	47 32	53 23	50 28	60 34	42 22	45 12	48 48	28 18	21 20	24 18	14 14	51.2 23.6	
BEULAH	MAX MIN	37 8	25 10	53 19	41 15	49 29	61 35	68 26	55 25	55 23	61 23	60 21	49 20	57 34	38 9	40 19	58 25	56 30	52 27	43 28	53 25	45 20	50 22	54 25	42 20	40 10	41 10	47 25	40 20	24 17	19 4	46.8 20.0	
BISBEE	MAX MIN	28 11	44 11	42 28	43 18	58 26	59 34	56 29	49 25	53 29	53 31	50 26	49 31	42 26	30 16	48 27	42 25	40 29	39 31	47 28	47 29	48 29	48 26	39 33	39 24	30 25	36 19	32 16	25 10	20 15	20 10	42.2 24.1	
BISMARCK WB AP	MAX MIN	28 10	47 12	45 14	49 18	65 32	72 29	60 30	59 30	57 29	59 27	50 25	58 35	47 20	42 15	62 26	56 29	54 36	42 30	53 34	48 33	55 27	56 28	52 35	42 20	36 13	50 29	42 23	27 22	24 5	21 3	48.6 24.1	
BOTTINEAU	MAX MIN	37 5	24 7	48 15	38 13	46 21	60 30	65 50	55 20	48 23	52 34	54 23	45 35	44 30	37 11	49 19	49 26	47 32	40 32	36 26	50 28	47 26	49 24	46 25	43 24	35 14	33 22	35 24	27 14	24 16	21 4	42.3 21.6	
BOWBELLS	MAX MIN	37 0	29 7	53 24	40 19	50 23	63 34	61 30	54 23	53 25	53 26	59 23	40 24	50 28	30 12	42 27	59 30	56 31	42 28	45 30	54 28	44 30	47 29	55 33	42 25	36 16	44 22	40 27	30 17	24 14	22 6	45.1 22.9	
BOWMAN COURT HOUSE	MAX MIN	35 15	58 11	46 20	58 18	63 25	69 35	60 35	54 28	59 25	62 30	50 25	64 34	55 31	62 21	61 25	57 33	50 23	57 27	50 35	53 34	62 32	55 35	43 22	43 24	51 37	44 24	36 22	25 15	20 5	51.8 26.5		
BUTTE	MAX MIN	38 8	25 11	50 20	40 18	49 25	52 35	69 27	56 30	57 30	63 31	50 26	50 30	53 35	37 14	42 20	65 33	55 35	46 30	43 30	53 32	47 20	52 31	54 35	43 26	35 18	39 20	49 25	30 20	24 15	20 2	45.9 24.6	
CARRINGTON	MAX MIN	40 9	24 8	46 14	42 15	49 12	51 12	67 22	53 22	52 25	57 22	51 25	51 22	51 19	37 10	41 24	63 29	48 29	47 30	49 30	40 26	52 30	54 25	45 25	41 24	37 20	49 19	34 21	29 19	23 1	49.6 19.7		
CARSON NO 2	MAX MIN	33 9	46 12	46 27	52 31	64 37	72 40	58 32	56 28	55 25	60 34	56 27	61 33	45 21	47 15	60 30	56 35	55 34	47 27	53 30	49 35	55 30	57 29	53 25	42 15	41 15	50 20	44 22	28 16	25 10	19 8	49.5 26.1	
CAVALIER	MAX MIN	29 15	41 9	41 29	48 18	60 24	53 28	58 35	48 29	54 24	54 33	50 29	40 24	48 31	43 11	42 24	44 25	44 35	36 33	43 29	45 28	36 29	44 27	36 35	30 23	37 23	30 24	28 17	23 17	21 11	41.8 24.9		
CENTER	MAX MIN	34 8	50 7	43 28	51 13	64 31	70 33	59 26	57 33	55 35	61 34	52 21	58 32	45 10	41 25	65 25	54 25	53 33	27 27	57 25	47 37	50 25	57 25	53 37	41 24	36 9	49 29	40 23	28 19	27 5	25 0	49.0 23.3	
COOPERSTOWN	MAX MIN	32 12	40 4	43 25	45 11	61 26	60 26	59 30	54 20	56 27	58 33	52 24	50 27	46 32	34 10	57 27	47 26	45 31	43 30	46 30	50 25	48 24	52 24	47 34	41 30	32 22	36 24	35 22	26 18	22 15	17 4	44.5 22.5	
CROSBY	MAX MIN	34 6	52 20	45 28	50 21	64 32	68 34	54 28	55 25	50 30	54 34	50 22	50 32	45 21	45 14	62 33	52 31	47 31	42 29	50 29	42 33	48 28	53 30	38 23	40 19	47 32	39 22	28 19	22 12	22 10	47.1 25.5		
DEVILS LAKE WB CITY	MAX MIN	22 13	45 13	38 19	46 18	59 33	62 40	57 31	52 28	54 33	56 30	46 26	49 30	40 20	32 14	52 27	46 32	42 33	37 27	46 30	48 31	46 25	50 28	45 32	36 24	29 25	35 21	25 16	21 15	20 8	42.1 24.6		
DICKINSON CAA AP	MAX MIN	29 12	59 16	45 25	56 19	64 40	70 39	58 31	56 28	59 23	62 30	51 23	63 34	47 15	51 17	62 36	58 30	54 26	52 30	54 29	47 30	55 29	61 35	44 30	42 17	43 30	49 24	29 17	22 10	21 6	50.2 25.6		
DICKINSON EXP STATION	MAX MIN	43 13	29 13	60 22	46 15	57 37	65 37	70 25	58 25	57 24	60 25	62 18	52 22	64 32	42 15	53 23	63 30	59 30	54 22	53 25	56 28	47 27	55 28	61 32	45 25	43 14	48 26	50 27	40 21	30 19	23 17	51.5 23.4	
DRAKE	MAX MIN	37 10	25 10	48 17	40 18	49 19	65 32	68 26	54 26	62 29	62 26	49 26	53 26	53 30	39 15	36 30	62 35	48 30	45 28	41 31	54 30	50 27	52 29	54 30	44 27	36 25	36 25	44 27	29 24	22 16	22 7	45.6 23.9	
DUNN CENTER	MAX MIN	42 10	29 8	58 18	47 15	55 25	64 36	70 25	58 25	57 22	63 22	50 22	60 22	60 34	40 10	44 21	61 27	56 31	55 34	49 25	53 24	47 29	57 25	45 27	44 25	47 13	50 15	43 27	29 19	25 16	50.2 21.1		
ECKMAN	MAX MIN	32 7	27 7	50 19	39 14	52 15	64 30	67 29	56 19	50 22	52 30	49 21	48 23	45 20	38 10	38 18	53 24	44 29	45 30	42 29	47 27	49 30	53 28	50 26	45 26	37 12	39 15	44 25	28 18	25 10	23 0	44.7 20.5	
EDGELEY EXP FARM	MAX MIN	45 12	27 5	41 15	48 25	50 21	66 29	65 34	60 25	59 23	58 24	66 27	49 22	57 25	44 11	37 15	58 28	50 30	54 25	40 32	51												

Table 5-Continued

DAILY TEMPERATURES

NORTH DAKOTA
NOVEMBER 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX MIN	39 7	23 7	54 20	41 19	50 19	63 34	70 28	56 28	57 29	56 33	63 23	50 27	59 30	47 10	37 25	60 30	56 33	50 27	50 26	54 27	46 30	52 28	53 32	44 22	41 14	40 18	47 26	36 17	26 14	24 3	48.1 22.9	
GRAFTON	MAX MIN	31 15	40 7	40 31	46 15	61 23	58 28	60 32	54 25	55 25	56 35	55 30	52 25	52 32	33 9	40 27	39 25	45 36	39 34	43 31	46 28	35 28	43 25	48 38		40 24	30 24	28 18	24 18	20 7	43.3 24.8		
GRAND FORKS CAA AP	MAX MIN	25 10	38 7	39 23	45 15	60 25	52 24	60 27	50 20	57 31	58 36	44 28	53 28	44 21	34 11	48 29	46 22	46 38	39 34	41 22	49 25	34 28	46 26	47 33	35 27	31 25	35 24	28 17	22 11	18 2	41.7 23.0		
GRAND FORKS UNIVERSITY	MAX MIN	29 16	37 8	35 29	45 15	61 26	51 25	62 32	51 21	57 32	58 36	52 31	53 36	47 34	48 13	45 30	47 23	40 39	45 35	40 30	47 30	37 30	46 27	44 35	35 30	30 25	34 25	27 22	28 18	24 12	18 3	42.1 25.1	
GRAND RAPIDS 1 N	MAX MIN	34 12	40 4	47 21	50 11	64 27	63 24	61 29	60 24	61 27	65 29	58 25	62 27	58 34	38 11	58 26	54 24	57 27	52 22	50 27	56 24	49 22	55 22	54 37	45 31	36 26	42 24	42 22	33 20	25 8	23 12	49.7 22.6	
GRANVILLE	MAX MIN	33 8	52 13	43 30	52 18	65 30	70 30	61 31	53 23	57 30	65 31	52 23	52 30	46 29	43 13	60 30	51 27	43 30	37 31	55 23	58 30	56 30	57 27	54 36	39 27	36 15	46 31	40 24	25 15	24 16	25 1	48.3 25.3	
GRENORA	MAX MIN		55 18	45 21	55 19	65 34	69 37	55 26	56 27	59 33	60 33	55 34	52 33	50 20	49 9	59 37	55 35	50 33	47 26	51 34	49 28	58 34	55 33	51 34	42 22	45 20	51 36	42 29	29 10	24 5	25 1	50.3 26.8	
HANKINSON R R STATION	MAX MIN	45 14		40 6	46 16	47 16	62 28	60 30	59 29	58 26	59 27	73 58	58 27	59 27		30	62 32	54 29	53 30	40 30	42 25	54 25	56 24	57 26	54 32	38 24	31 25	40 25	33 20	33 16	33 16	50.7 23.5	
HANNAH	MAX MIN	25 12	43 7	37 21	46 15	62 28	56 27	55 28	48 27	57 27	55 34	50 21	43 26	42 25	29 10	51 25	44 22	39 32	35 30	45 22	47 38	44 37	48 48	45 33	37 31	28 26	30 23	26 18	25 15	19 4	18 5	41.0 22.6	
HANSBORO	MAX MIN	26 12	43 9	41 25	46 17	59 28	60 30	55 34	49 22	53 27		47 25	43 21	42 25	29 11	51 26		40 33	36 31	47 31	45 33	48 33	50 28	48 31	38 27	35 28	29 17	25 15		19 12	42.5 24.7		
HETTINGER	MAX MIN	36 13	54 13	47 28	55 19	64 35	70 32	55 31		59 26	63 29	49 23	66 35	56 30	52 19	63 29	62 35	54 32	53 25	50 28	54 36	54 24	63 31	58 35	43 20	43 30	49 37	43 26	32 21	26 15	21 7	51.5 26.1	
HILLSBORO	MAX MIN	32 14	39 5	41 26	46 16	63 25	53 26	62 55	54 23	57 28	63 38	57 31	54 25	52 36	36 12	48 28	50 47	42 36	40 37	41 30	54 24	46 22	47 38	45 43	32 26	34 29	36 24	27 21	24 18	18 1	44.9 25.1		
JAMESTOWN CAA AP	MAX MIN	27 7	43 3	46 17	49 12	65 29	68 27	61 32	56 25	57 26	62 31	50 26	56 27	46 19	36 9	61 26	51 28	50 29	37 28	51 28	52 23	55 29	54 34	39 28	30 25	42 25	35 23	25 16	23 3	19 -1	46.6 22.1		
JAMESTOWN STATE HOSP	MAX MIN	33 14	43 6	44 25	49 14	63 29	68 29	60 34	55 28	56 30	61 31	49 29	55 28	45 31	37 13	59 27	50 29	49 36	40 29	48 33	51 29	49 26	54 38	54 38	40 28	34 26	42 25	25 21	22 15	20 2	46.6 25.5		
KENMARE	MAX MIN	38 6	30 6	52 18	41 21	50 26	64 35	66 32	56 23	55 26	52 27	59 25	50 25	51 29	36 15	44 29	60 31	56 33	45 28	46 31	53 29	50 33	55 24	42 25	37 19	43 18	45 28	31 18	25 14	21 4	46.6 23.4		
KENSAL WILDLIFE REFUGE	MAX MIN	34 12	45 4	44 24	50 9	66 24	68 26	58 27	57 20	57 24	59 28	53 24	53 25	43 31	35 9	67 23	51 26	50 34	45 30	51 31	50 27	52 31	56 26	53 35	43 25	34 25	40 25	35 25	30 19	27 14	19 -2	47.5 22.7	
LANGOON EXP FARM	MAX MIN	29 10	43 8	38 25	44 13	58 27	55 26	55 25	46 20	51 29	51 33	48 21	47 26	45 27	30 9	46 25	43 24	35 30	36 31	47 29	50 26	46 21	48 24	44 33	38 28	32 18	34 24	30 12	29 14	26 -2	17 4	41.4 21.5	
LARIMORE	MAX MIN	31 14	40 4	41 28	47 14	62 24	58 27	63 35	52 22	58 22	61 31	52 27	52 25	53 32	36 8	49 26	43 23	44 35	40 34	45 29	52 24	44 24	48 22	38 36	39 21	30 21	36 24	33 21	27 18	24 17	20 4	44.7 23.4	
LEEOS	MAX MIN	30 12	45 10	39 27	48 16	59 29	64 26	57 31	51 19	55 26	57 33	52 22	47 26	44 28	32 12	54 29	43 28	44 26	42 29	49 30	50 30	52 26	48 33	38 26	37 23	36 25	24 22	21 16	22 8	44.2 23.4			
LINTON	MAX MIN	35 11	47 10	49 28	49 12	66 26	72 26	62 26	59 22	59 26	62 33	58 25	61 34	47 31	45 10	60 26	58 31	55 26	48 31	54 25	50 33	48 26	56 22	53 32	40 22	36 10	50 27	45 22	43 22	29 22	22 10	50.1 23.4	
LISBON	MAX MIN	36 12	37 6	45 26	44 9	63 27	62 23	61 37	61 28	56 24	64 29	58 30	58 21	58 34	38 12	55 22	52 24	53 31	49 23	45 30	53 22	47 27	52 21	44 38	35 24	39 23	39 27	28 20	22 16	20 1	47.7 23.7		
LOSTWOOD 12 N	MAX MIN	26 12	52 13	45 28	50 17	62 32	66 28	54 28	56 20	50 27	59 36	56 31	52 27	45 23	39 9	60 31	56 28	45 26	40 26	52 27									20 11	25 6	48.5 22.7		
MAQUOCK AGR SCHOOL	MAX MIN	33 13	44 7	41 29	45 17	60 27	64 32	58 28	51 21	55 28	57 52	52 21	51 26	51 29	34 11	55 26	46 26	45 31	44 34	48 30	48 30	48 28	50 33	39 25	33 16	36 26	38 25	26 20	22 16	19 7	44.7 23.1		
MANOAN EXP STATION	MAX MIN	40 10	26 10	47 20	44 17	51 24	64 30	72 34	60 32	59 25	56 34	60 27	50 26	59 37	51 13	43 23	64 30	55 33	54 29	46 38	53 36	49 30	54 28	56 33	45 26	41 13	42 22	50 27	42 21	26 18	23 4	49.7 24.1	
MANOAN FT LINCOLN PARK	MAX MIN	36 10	48 10	47 31	49 20	67 35	73 32	61 35	58 32	57 27	60 39	54 27	58 35	54 35	43 15	64 26	57 30	55 32	47 30	50 34	53 36	58 30	50 29	53 37	43 14	38 29	50 26	46 21	28 14	25 5	50.5 26.5		
MARMARTH	MAX MIN	39 15	60 19	48 24	58 15	64 27	69 32	59 24	56 26	57 30	62 34	53 23	65 23	50 30	48 18	63 27	59 23	53 24	52 20	51 24	51 24		53 24	53 21	40 23	54 27	45 25	33 16	28 1	22 -1	51.7 23.1		
MAX	MAX MIN	38 9	27 10	50 16	39 17	47 18	63 31	68 34	67 34	56 31	55 32	63 23	23	53 32	38 14	38 19	65 38	53 28	48 33	42 29	54 32	45 29	52 27	53 30	43 25	38 15	39 19	45 25	33 18	25 14	23 9	46.5 23.5	
MAYVILLE	MAX MIN	30 14	39 6	42 25	46 14	62 26	56 25	62 31	53 20	58 26	61 36	52 27	53 28	51 35	35 10	47 28	44 22	47 37	46 29	43 27	54 26	45 27	50 34	46 39	41 23	33 23	35 24	36 24	31 18	28 13	18 -2	45.5 23.1	
MC CLUSKY	MAX MIN	30 9	47 9	39 27	48																												

Table 5-Continued

DAILY TEMPERATURES

NORTH DAKOTA
NOVEMBER 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX MIN	37 13	59 13	46 27	57 15	65 36	71 32	58 27	56 21	58 21	61 26	50 19	64 34	53 30	53 14	62 27	58 30	53 31	53 25	55 27	48 36	54 26	62 31	60 36	40 27	44 13	45 29	49 24	31 20	25 17	21 14	51.6 24.7	
NEW SALEM 1 S	MAX MIN	33 10	48 12	44 28	50 20	65 36	71 38	59 33	56 27	55 23	60 31	50 27	59 31	45 22	44 14	64 31	50 30	54 32	45 27	47 34	54 35	54 31	54 34	42 23	36 16	50 25	45 19	26 10	24 10	7 20	48.4 25.1		
NEWTOWN	MAX MIN	29 8	55 13	48 29	52 17	63 30	68 30	66 37	56 34	56 26	63 34	55 25	55 33	47 32	41 14	59 28	55 29	50 35	45 29	55 38	48 49	55 31	54 26	42 36	25 25	37 16	50 33	43 25	27 21	26 15	23 14	49.1 26.2	
OAKES	MAX MIN	46 13	26 3	37 8	46 14	48 14	62 25	62 28	61 28	57 27	61 30	67 29	48 26	61 29	47 13	39 21	55 25	52 26	43 25	38 27	49 25	54 26	47 21	55 23	46 33	39 26	35 24	44 27	36 21	25 11	25 17	47.4 22.2	
PARK RIVER	MAX MIN	33 15	42 9	40 31	46 16	60 26	58 31	59 33	50 26	55 26	57 33	55 27	52 24	48 33	36 12	42 23	43 25	44 32	40 34	45 32	48 28	42 25	52 25	45 37	40 30	32 22	36 25	32 18	28 17	23 0	43.5 24.7		
PARSHALL	MAX MIN	35 6	57 15	42 29	52 16	63 26	68 31	56 33	56 29	51 29	64 33	50 25	54 22	48 33	41 25	62 33	58 26	50 30	44 28	54 28	48 35	48 27	54 23	52 33	42 23	36 14	48 33	27 14	27 15	22 13	48.2 24.4		
PEMBINA 2 N	MAX MIN	38 15	40 7	40 18	47 13	58 23	50 21	57 27	57 16	55 27	55 33	54 23	50 27	50 34	41 13	41 24	45 19	45 38	38 30	42 29	42 29	42 23	44 27	44 37	41 30	40 24	40 25	37 21	22 16	23 17	44.1 23.5		
PETERSBURG	MAX MIN	28 12	38 7	37 22	40 12	57 27	57 25	60 27	50 20	53 25	53 27	50 22	50 26	47 29	30 10	47 27	42 26	41 32	37 31	45 30	49 29	45 23	50 24	45 33	36 15	31 15	34 23	25 16	23 15	25 13	42.0 22.8		
PETTIBONE	MAX MIN	34 8	46 7	41 23	46 13	63 27	67 29	57 31	54 30	55 30	55 30	49 26	54 28	44 28	36 12	61 25	54 29	45 33	37 25	49 29	48 31	50 25	52 25	51 30	38 27	33 10	43 24	40 20	26 19	23 12	18 2	45.6 22.9	
PORTAL	MAX MIN	35 5	28 10	50 21	39 20	51 22	62 34	66 26	53 25	55 26	54 30	55 22	48 26	50 19	30 14	41 24	58 31	54 32	40 27	44 26	52 31	44 32	44 27	45 31	52 32	41 28	36 18	46 22	44 24	29 17	24 14	25 9	45.0 23.4
POWERS LAKE 1 N	MAX MIN		45		52 15	63 35	66 36	55 30	54 22	49 27	56 35	49 18	53 35	45 22	40 12	60 31	55 27	46 29	44 24		46 27			50 26	39 33	35 15	44 30	32 21	24 17	20 12	20 15	45.7 24.2	
RAUB 10 SSW	MAX MIN	35 17	58 22	52 17	54 25	55 35	61 36	56 35	57 35	65 38	52 32	56 38	56 38	50 15	41 33	60 24	56 35	54 32	54 27	55 30	50 34	52 29	55 30	59 36	42 23	38 20	45 24	27 20	26 12	21 9	50.0 27.1		
RICHARDTON ABBEY	MAX MIN	36 9	55 14	48 33	54 23	64 37	70 41	63 34	56 34	56 27	62 32	56 24	62 33	54 31	47 16	63 32	55 36	55 30	50 20	53 30	47 36	54 29	58 30	56 35	42 20	40 19	49 31	43 19	32 17	26 15	19 2	50.8 27.5	
RIVEROALE	MAX MIN	38 9	25 10	51 19	40 19	50 20	60 35	67 32	54 32	57 30	53 30	60 29	50 29	55 34	39 13	68 20	60 31	57 37	49 28	46 30	54 32	48 32	51 28	54 32	43 28	40 15	37 18	47 25	36 15	25 6	21 1	46.8 24.9	
ROLLA	MAX MIN	23 9	43 12	42 24	43 20	59 22	59 33	58 32	49 22	52 25	59 30	49 21	42 22	40 22	28 11	52 26	42 29	38 30	37 29	48 28	47 20	50 24	45 24	45 33	37 21	29 21	35 23	38 18	24 14	19 13	18 8	41.3 22.8	
RUGBY	MAX MIN	32 12	46 12	45 29	48 11	60 29	67 34	60 32	52 22	56 33	57 35	54 31	45 24	32 16	53 14	46 23	43 29	42 32	50 30	50 31	50 26	49 31	50 27	40 32	40 16	33 26	36 16	25 22	22 16	23 6	45.1 24.8		
SAN HAVEN	MAX MIN	28 10	44 11	44 18	43 22	60 27	62 33	57 39	49 27	53 32	57 34	49 26	43 28	42 27	28 12	51 25	42 33	42 33	37 29	49 30	48 29	53 24	46 28	42 34	39 29	31 17	35 25	37 21	25 19	20 15	19 2	42.5 25.0	
SHARON	MAX MIN	26 13	39 4	42 25	45 13	60 21	58 25	60 22	53 22	56 27	57 35	49 26	50 27	42 30	31 11	58 22	43 29	44 32	41 33	47 30	52 27	48 23	52 25	47 34	36 29	30 15	35 23	34 19	25 16	14 0	17 0	43.4 23.0	
STANLEY	MAX MIN	27 4	53 8	45 24	51 19	62 31	66 36	56 35	63 26	60 32	61 24	48 22	52 30	49 22	39 11	59 30	58 26	46 32	43 27	51 35	45 28	52 32	47 25	37 32	35 14	45 30	38 20	25 17	25 13	20 2	46.4 23.7		
STEELE	MAX MIN	41 7	45 7	43 27	47 15	64 28	70 30	60 32	58 27	58 27	53 32	51 24	56 31	47 28	40 12	65 28	55 29	52 34	43 28	53 28	49 28	54 25	52 25	52 34	47 26	40 13	46 23	43 20	35 21	26 16	21 2	48.9 23.6	
TOWNER	MAX MIN	37 6	48 10	41 21	50 13	62 23	68 22	59 19	55 21	55 28	61 32	50 27	48 22	40 20	35 10	56 22	48 25	46 30	41 27	53 27	52 28	48 25	53 22	52 32	38 23	39 21	43 20	40 19	26 21	25 8	22 1	46.4 20.8	
TURTLE LAKE	MAX MIN	35 19	50 11	44 31	49 18	64 28	70 34	63 32	57 32	56 27	60 31	56 31	55 27	50 23	39 13	62 22	56 29	52 33	45 28	52 35	47 28	52 35	51 28	52 34	40 24	36 13	47 19	43 24	26 19	24 14	22 2	48.5 24.2	
UNDERWOOD	MAX MIN	42 7	25 7	46 15	42 17	50 19	62 32	69 29	55 25	57 30	54 29	60 27	50 26	57 36	44 13	37 19	62 32	56 34	50 29	45 29	52 27	50 24	50 28	52 32	50 25	40 14	42 21	47 25	38 19	25 14	22 6	47.7 23.2	
UPHAM 3 N	MAX MIN	34 8	51 9	44 28	52 12	64 25	69 30	63 28	55 19	54 27	60 30	51 20	46 27			42 10	53 23	45 27	41 31	55 28	50 32	54 23	52 24	48 33	37 23	33 12	44 29	40 20	27 15	25 4	46.9 22.4		
VALLEY CITY	MAX MIN	37 13	37 4	44 28	45 14	62 27	61 38	59 33	57 28	56 26	62 35	55 30	51 25	52 34	37 12	54 27	53 25	50 33	47 32	46 34	50 25	46 24	52 25	53 33	43 23	35 12	39 29	40 24	28 20	28 15	22 5	46.7 25.1	
VELVA	MAX MIN	34 10	50 13	46 30	50 17	66 27	69 33	57 24	54 29	55 34	64 34	49 24	50 31	48 21	39 12	64 30	54 29	47 25	43 36	54 38	48 33	52 38	54 30	54 37	38 27	35 19	46 33	40 24	25 20	25 16	-1	47.7 25.1	
WAMPETON STATE SCHOOL	MAX MIN	36 16	40 6	47 24	47 15	60 28	56 26	61 31	59 27	59 33	71 42	66 29	56 29	55 40	43 11	56 32	52 40	58 38	45 30	42 28	56 24	50 27	48 24	47 37	44 33	35 24	38 24	38 27	29 19	26 16	24 17	48.1 26.0	
WASHBURN	MAX MIN	35 7	50 12	42 23	51 19	65 34	71 34	65 30	58 30	55 29	62 31	56 26	57 33		35	60 30	59 30	52 34	45 27	54 31	47 30	53 30	54 28	53 37	42 26	35 15	49 30	44 25	26 21	25 11	4 2	49.0 25.6	
WATFORD CITY	MAX MIN	35 9	58 18	46 31	56 24	64 33	69 38	56 33	57 31	57 28	62 34	54 21	61 37																				

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
NOVEMBER 1954

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL SN ON GND																												T	D.5 1	1	
AMENIA	SNOWFALL SN ON GND	T																							T		T		1.0 T	T	T	
AMIDON	SNOWFALL SN ON GND																											T	T	T		
ASHLEY	SNOWFALL SN ON GND		T																										T		D.5 1	
BEACH	SNOWFALL SN ON GND	D.5 -																										T	1.5 1	T	1	
BELCOURT INDIAN RES	SNOWFALL SN ON GND																									2.0 2	T	1.0 2	3	3	3	
BELFIELD	SNOWFALL SN ON GND																												1.0 1	1	1	
BEULAH	SNOWFALL SN ON GND																												T	0.5 1	T	
BISBEE	SNOWFALL SN ON GND																									1.0 1	T	T	1	1	1	
BISMARCK WB AP	SNOWFALL SN ON GND																									T	T	D.1 T	0.3 T	T	T	
BOTTINEAU	SNOWFALL SN ON GND	T																	T								T	T	0.3 1	D.1 1	T	1
BOWBELLS	SNOWFALL SN ON GND																												T	D.5 1	1	
CARSON NO. 2	SNOWFALL SN ON GND																										T			0.5 1	D.5 1	
CENTER	SNOWFALL SN ON GND																												T	T	T	
CROSBY	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVILS LAKE WB CITY	SNOWFALL SN ON GND	T		T	T									T													0.4 1	D.7 1	D.4 1	0.8 2	T	T
DICKINSON CAA AP	SNOWFALL SN ON GND	T																									T	0.2 T	0.2 T	0.2 1	T	1
DICKINSON EXP STATION	SNOWFALL SN ON GND																												-	-	T	1
DUNN CENTER	SNOWFALL SN ON GND	T																											0.2 T	T	T	T
EDMORE 1 W	SNOWFALL SN ON GND																									1.0 1	D.2 1	1.0 2	T	2	T	2
ELLEDALE	SNOWFALL SN ON GND		T																								T	T	D.5 T	T	1.5 2	
FARGO WB AP	SNOWFALL SN ON GND	T																								T	T	D.3 T	D.2 T	D.4 1	T	D.2 1
FORT YATES	SNOWFALL SN ON GND																												T	T	1.0 1	
FOXHOLM 7 N	SNOWFALL SN ON GND																											1.0 1	T	1	1	1
FULLERTON	SNOWFALL SN ON GND																										0.2 1			0.8 1	1.4 2	
GARRISON	SNOWFALL SN ON GND																										T		D.3 T	T	T	T
GRAFTON	SNOWFALL SN ON GND																										D.7 1	1	1.7 2	1.0 3	3	
GRAND FORKS CAA AP	SNOWFALL SN ON GND	T												T											T	T	1.9 1	0.9 1	D.8 2	T	3	3
GRAND FORKS UNI	SNOWFALL SN ON GND																									T	T	D.8 1	1.3 2	1.0 3	T	3
GRANVILLE	SNOWFALL SN ON GND																											T	T	T	T	
HANSBORO	SNOWFALL SN ON GND	T																									1.0 1	T	1.0 2	2	2	
HETTINGER	SNOWFALL SN ON GND																												-	T	-	T
JAMESTOWN CAA AP	SNOWFALL SN ON GND	T																									D.2 T	T	1.0 2	1.0 2	T	D.2 1
KENSAL WILDLIFE REF	SNOWFALL SN ON GND																													1.0 1	1	
KILLDEER 8 NW	SNOWFALL SN ON GND																											T	2.0 2	T	-	
MANOAN EXP STATION	SNOWFALL SN ON GND																												D.4 T	T	T	T
MAYVILLE	SNOWFALL SN ON GND	T																								T	T	1.0 1	D.9 2	0.3 2	0.2 2	2
MC CLUSKY	SNOWFALL SN ON GND																											T	T	T	T	
MC HENRY 5 N	SNOWFALL SN ON GND	D.2 T																										D.8 1	T	1.0 2	T	2

See reference notes following Station Index.

Table 7 -CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
NOVEMBER 1954

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MEDORA 4 NNE	SNOWFALL SN ON GND																		T T										T T	0.5 1	T T	T T	
MINOT CAA AP	SNOWFALL SN ON GND																		T T							T T	T T	0.5 1	0.6 1	T 1		1	
MINOT EXP STATION	SNOWFALL SN ON GND																		T T										0.5 1	0.5 1		1	
MOHALL	SNOWFALL SN ON GND																											T T	T T	T T		T	
MONTPELIER	SNOWFALL SN ON GND	T																									0.1 T	T T	1.0 1	T 1		0.2 1	
MOTT	SNOWFALL SN ON GND																											T T	T T	T T	T T		
MUNICH 4 SW	SNOWFALL SN ON GND																										1.0 1	T 1	0.5 2	1.0 2		2	
NAPOLEON 1 SE	SNOWFALL SN ON GND																												1.0 1	1		0.6 2	
OAKES	SNOWFALL SN ON GND																										0.3 T	T T	0.3 T	T T	0.5 1		
PARSHALL	SNOWFALL SN ON GND																											T T	T T	T T			
PETERSBURG	SNOWFALL SN ON GND																										1.0 1	T 1	2.0 3	T 3		3	
PETTIBONE	SNOWFALL SN ON GND																												0.5 1	1	1		
PRETTY ROCK	SNOWFALL SN ON GND	1																															
RICHARDTON ABBEY	SNOWFALL SN ON GND																										T T	T T	0.3 T	0.6 1	T 1		
RIVERDALE	SNOWFALL SN ON GND																												0.5 1	0.5 1		1	
ROLLA	SNOWFALL SN ON GND	T																									1.3 1	0.7 -	1.1 2	0.2 2		2	
SAN HAVEN	SNOWFALL SN ON GND	T T																									1.0 1	0.9 2	0.7 3	T 3		3	
SHARON	SNOWFALL SN ON GND																										1.0 1	T 1	1.0 2	0.5 2		2	
STANLEY	SNOWFALL SN ON GND																										T						
UPHAM 3 N	SNOWFALL SN ON GND																										T T	T T	0.2 T	T T			
VALLEY CITY	SNOWFALL SN ON GND																										0.5 -	0.3 -	1.0 -	T -	T -		
WAMPETON STATE SCHOOL	SNOWFALL SN ON GND	T																							T	0.5 1	0.3 1	0.5 1	T 1	1.0 1			
WESTHOPE	SNOWFALL SN ON GND																										T 1		1.0 1	1	1		
WILLISTON WB CITY	SNOWFALL SN ON GND																											0.4 T	0.1 T	0.2 1	0.2 1		
WILLOW CITY	SNOWFALL SN ON GND	T T																									1.0 T	T T	T T	T T	T T		

NORTH DAKOTA
NOVEMBER 1954

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REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 85°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 8, and snowfall date in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Ⓞ Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

+ And also on a later date or dates.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

B Adjusted to a full month.

C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

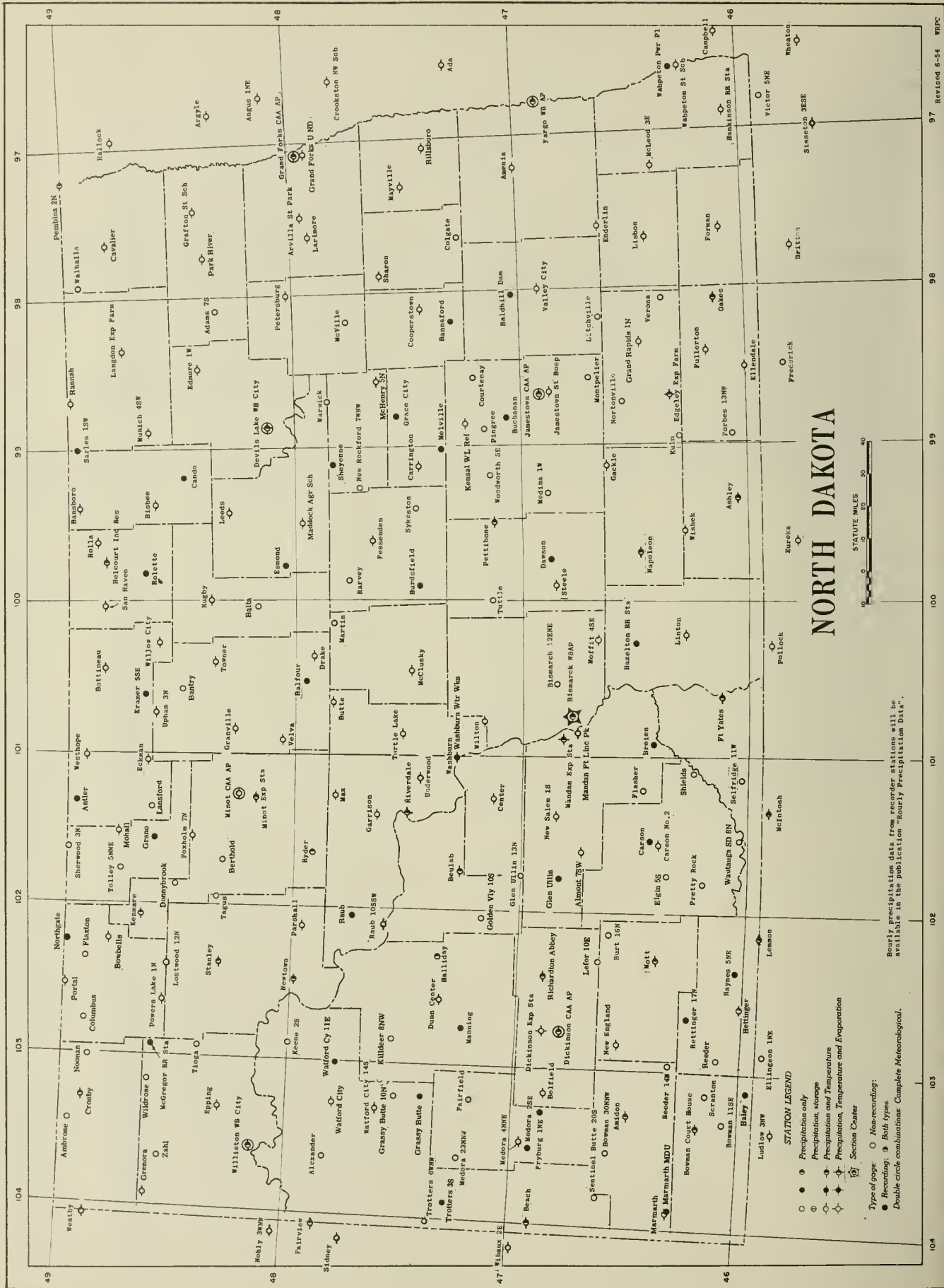
T Trace, an amount too small to measure.

V Includes total for previous month.

SS This entry in time of observation column in Station Index means observation made near sunset.

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W.R.P.C., Kansas City, Mo. -- 1-14-55 -- 880



NORTH DAKOTA



STATION LEGEND

- Precipitation only
- Precipitation, storage
- Precipitation and Temperature
- Precipitation, Temperature and Evaporation
- Section Center

Type of gage: ○ Non-recording;
● Recording; ● Both types.
Double circle combinations: Complete Meteorological.

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

1.05
VNT
p 2

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

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DECEMBER 1954

Volume LXIII No. 12



WEATHER SUMMARY

December was unusually mild and dry. It was an exceptionally pleasant month, excellent for outdoor work and for livestock. Temperatures averaged 23.2° or 9.2° warmer than normal. Rainfall averaged 0.09 inch or slightly less than one-fifth of normal. The only warmer December of record was 1939 when temperatures averaged 26.7°. The only Decembers with less rainfall were 1913 and 1944 with averages of 0.06 inch.

The month began with near-normal temperatures. At the end of the first week, most areas were enjoying mild weather 10° above normal. A few near-normal days centered about the 10th were followed by extremely mild weather which continued to the 25th. The 23d was especially warm with temperatures at many stations over the middle and west portions of the State and at a few stations over the east going above 50°. The highest was 59° at Center. Temperatures during the last six days were variable but near normal. The coldest temperatures occurred during the last two days. A few stations over the west registered their coldest on the 30th but most stations there and over the central and east registered their coldest on the 31st. The coldest was 18° below zero at Pembina on the 31st.

Precipitation was light, averaging less than one-tenth inch over most of the State. Precipitation exceeded one-tenth inch along the eastern edge, over a half dozen or so southeastern counties and over a few western counties. The greatest amount was 0.45 inch at Oakes. No precipitation occurred during the month at Reeder. Oakes, also received more snow than any other station, the amount being 4.5 inches.

With very little snow, grazing conditions were the best since 1943. Range, pasture, stubble, and corn fields were fully utilized for grazing. Stock required yard feeding in all sections but the requirements were lighter than usual because of the mild open weather. Feed supplies in some local areas in the northeast were sufficient for normal requirements but not for a prolonged feeding season. Elsewhere grain and hay supplies were adequate and some surplus hay had been shipped from the central part of the State to southern drought areas. Livestock were in good condition.

STORMS

There were no serious blizzards during December. On the 6th, fog covered an area west of Minot and Bismarck. The cold winds caused some freezing on telephone poles and wires. Some long distance circuits were temporarily out of order west of Minot due to wire breaks. Strong winds and ice on the wires broke some telephone poles in the Berthold vicinity.

Lucius W. Dye

SUPPLEMENTAL DATA

NORTH DAKOTA
DECEMBER 1954

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
GISMARCK WB AP	WNW	15	9.2	36	NW	23	61	82	66	74	10	4	0	0	0	0	14	68	6.0
DEVILS LAKE WB CITY	-	-	8.3	26	W	23	-	-	-	-	14	2	0	0	0	0	16	56	6.4
FARGO WB AP	SSE	22	13.2	40	NW	23	81	83	78	61	9	2	1	0	0	0	12	53	7.1
WILLISTON WB CITY	-	-	6.2	22	NW	22	80	84	70	73	2	5	0	0	0	0	7	65	5.9

COMPARATIVE DATA

Table 1

DECEMBER

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall
1892	7.1	60	-39	0.57	7.7	1917	0.7	56	-44	0.59	7.4	1942	10.9	53	-30	0.53	7.1
1893	4.7	55	-38	0.65	6.4	1916	18.5	65	-41	0.86	9.9	1943	21.5	65	-22	0.12	1.0
1894	19.1	70	-32	0.29	1.6	1919	7.4	49	-38	0.47	4.8	1944	15.8	50	-27	0.06	0.9
1895	13.6	62	-32	0.31	2.6	1920	15.2	59	-32	0.32	3.2	1945	7.0	56	-36	0.64	6.6
1896	16.4	53	-35	0.136	2.6	1921	16.5	59	-33	0.41	3.9	1946	13.3	55	-35	0.58	6.2
1897	10.6	69	-35	0.22	2.2	1922	6.5	55	-34	0.68	7.4	1947	14.2	54	-36	0.42	5.5
1898	12.1	51	-36	0.24	2.1	1923	22.2	62	-36	0.32	3.6	1948	10.4	59	-35	0.70	9.7
1899	12.8	60	-26	0.32	3.3	1924	2.9	56	-46	0.44	5.3	1949	6.6	61	-36	0.65	8.3
1900	17.3	58	-29	0.31	3.0	1925	16.5	67	-36	0.28	2.6	1950	10.0	54	-39	0.57	7.4
1901	12.4	61	-43	0.74	7.2	1926	9.2	55	-36	0.56	5.5	1951	6.1	56	-36	0.73	7.8
1902	7.6	49	-35	0.51	4.2	1927	-1.6	43	-36	0.60	6.7	1952	19.3	56	-16	0.17	2.2
1903	11.6	57	-33	0.77	7.2	1928	20.7	57	-30	0.32	3.2	1953	20.4	51	-26	0.61	6.2
1904	14.2	55	-43	0.65	6.2	1929	12.5	58	-36	0.81	9.9	1954	23.2	59	-16	0.09	1.2
1905	15.3	55	-34	0.16	1.6	1930	19.9	53	-30	0.19	2.0						
1906	6.4	48	-40	1.09	10.7	1931	21.0	56	-21	0.23	2.7						
1907	20.1	68	-26	0.30	3.1	1932	12.4	60	-31	0.20	1.7						
1908	14.4	62	-37	0.36	3.7	1933	8.6	62	-36	0.90	9.7						
1909	5.2	54	-42	1.28	12.1	1934	12.6	53	-44	0.30	3.9						
1910	12.9	58	-34	0.43	4.6	1935	12.6	51	-34	0.50	5.6						
1911	14.9	61	-33	0.35	4.5	1936	15.0	59	-36	0.43	5.5						
1912	18.9	72	-28	0.43	4.0	1937	11.4	51	-33	0.54	6.5						
1913	22.7	61	-21	0.06	0.3	1938	16.2	55	-41	0.32	4.1						
1914	5.4	57	-42	0.47	5.7	1939	28.7	70	-20	0.26	2.3						
1915	15.6	57	-27	0.52	5.4	1940	19.6	59	-36	0.42	4.0						
1916	2.7	61	-50	1.16	13.8	1941	22.5	88	-20	0.15	1.6						

Averages for the period 1946 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.	Min.	90° or Above	32° or Below					Total	Max. Depth on Ground	Date	14 or More	50 or More	100 or More
EASTERN DIVISION																							
WENIA	29.4	12.6	21.0	6.2	43	22	-11	31	1356	0	22	31	2	0.16	-0.34	0.13	16	4.0	3	16	1	0	0
WILLISTON STATE PARK	27.7	9.6	18.7		43	22	-17	31	1429	0	23	31	7	0.13		0.13	16	1.0			1	0	0
WARRINGTON																							
WAVELIER	26.0	12.3	20.2	9.7	45	22	-10	31	1362	0	23	31	4	0.07	-0.62	0.07	16	1.0	3	16+	0	0	0
WATERSTOWN	29.3	11.5	20.4	7.4	44	22	-6	31	1374	0	22	31	3	0.09	-0.49	0.09	16	1.0	1	16+	0	0	0
WHEELS LAKE WB CITY	29.0	13.0	21.0	9.6	45	22	-7	30	1356	0	22	31	3	0.04	-0.44	0.02	16+	0.6	2	1+	0	0	0
WHEELLEY EXP FARM	32.2	12.6	22.4	7.4	50	23	-3	1		0	13	31	3	0.17	-0.32	0.06	16		1	16+	0	0	0
WILMORE 1 N	28.4	11.3	19.9	9.4	41	22	-6	31	1392	0	23	31	3	T	-0.54	T	7+	T	2	1+	0	0	0
WILNOALE	32.7	13.0	22.9	6.6	52	22	-3	1+	1296	0	16	31	0	0.20	-0.26	0.10	16	2	2	1+	0	0	0
WILDERLIN	29.6	10.9	20.3	4.7	23	22	-9	31		0	16	31	3	E	0.30	0.10	1+	3.0	3	17+	0	0	0
WILGO WS AP	27.1	12.3	19.7	6.6	40	22	-6	30+	1399	0	25	31	2	0.25	-0.35	0.16	6	3.3	3	9+	0	0	0
WILMAN	30.5	11.6	21.2	5.9	40	22	-1	1	1350	0	16	31	1	0.19	-0.37	0.10	16	3.0			1	0	0
WILMERTON	32.6	12.6	22.6	7.4	50	22	-0	1	1305	0	16	31	1	0.25	-0.52	0.16	16	2.5	2	1+	0	0	0
WICKLE	32.2M	13.1M	22.7M	6.2	47	22	-1	1	1306	0	15	31	1	0.14	-0.31	0.08	16	1.3	2	16+	0	0	0
WILTON	26.6	11.5	19.2	6.5	43	22	-12	31	1411	0	26	31	5	0.13	-0.40	0.13	16	2.5	4	16	0	0	0
WILSON FORKS CAA AP	25.1	9.9	17.5	6.5	36	22+	-10	30+	1467	0	27	31	8	0.36	-0.26	0.22	16	3.2	3	1+	0	0	0
WILSON FORKS UNIVERSITY	25.7	12.7	19.2	8.2	36	22	-10	31	1411	0	27	31	5	0.27	-0.35	0.18	16	1.5	4	16+	0	0	0
WILSON RAPIDS 1 N	33.4	11.5	22.5	50	22	-5	31	1313	0	16	31	4	0.23		0.12	16	4.0	3	16+	0	0	0	0
WILKINSON R R STATION	30.2M	11.1	20.7M	3.0	44	23	-2	30+		0	31	0											
WILNAH	27.7M	10.3M	19.0M	11.4	40	22	-13	31	1417	0	23	31	5	0.04	-0.55	0.02	30	0.3	3	1+	0	0	0
WILLSBORO	28.3	11.3	19.8	7.8	43	22	-12	31	1392	0	25	31	4	0.19	-0.45	0.12	16	3.0			1	0	0
WILMESTOWN CAA AP	31.9	11.9	21.9	8.0	50	22	-5	30	1329	0	15	31	3	0.06	-0.57	0.07	16	0.7	1	1+	0	0	0
WILMESTOWN STATE HOSP	31.4	14.6	23.1	9.2	49	22	-3	31	1291	0	17	31	2	0.09	-0.56	0.09	16	0.5			0	0	0
WILNSAL WILDLIFE REFUGE	33.4	14.0	23.7	52	22	-5	31	1273	0	15	31	3	0.14		0.10	31	2.0	2	16	0	0	0	0
WILNGDON EXP FARM	27.6	11.1	19.4	10.6	41	22	-11	31	1407	0	22	31	6	0.02	-0.61	0.01	9+	0.2	3	1+	0	0	0
WILNIMORE	27.6	12.3	20.0	8.5	42	22	-10	30+	1367	0	22	31	5	0.10	-0.46	0.10	16	1.0			0	0	0
WILNISON	29.5	11.5	20.5	5.7	42	22+	-5	31	1374	0	24	31	3	0.28	-0.23	0.17	16	3.4	2	1+	0	0	0
WILNYLWINE	29.0	13.1	21.1	7.6	43	22	-6	31	1356	0	26	31	4	0.22	-0.30	0.15	16	2.7	3	16+	0	0	0
WILSON HENRY 5 N	29.5	11.8	20.7	9.9	45	22	-8	31	1367	0	21	31	3	T	-0.49	T	6+	T	2	1+	0	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

TABLE 2 - CONTINUED

NORTH DAKOTA
DECEMBER 1954

Station	Temperature											Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	10 or More		
										90° or Above	32° or Below	32° or Below	0° or Below										
MC LEOD 3 E	31.1	11.0M	21.1M	6.0	44	22	-11	31	1349	0	16	31	0	0.24	-0.22	0.24	16	1.5			1	0	0
MUNICH 4 SW	26.7	11.0	18.9		41	22	-3	28	1424	0	23	31	3	0.02	0.02	0.02	31		2	1+	0	0	0
OAKES	30.4	8.8	19.6	3.4	50	23	-8	31		0	15	31	3	0.45	-0.05	0.21	17	4.5	2	1+	2	0	0
PARK RIVER	28.9	14.1	21.5	10.4	43	22	-8	31	1342	0	21	31	3	0.05	0.05	0.05	16	0.5	2	1+	0	0	0
PEMBINA 2 N	27.4	10.1	18.8	11.8	42	22	-18	31	1429	0	26	31	6	0.06	0.06	0.06	16	1.0	4	1+	0	0	0
PETERSBURG	25.9	10.4	18.2		39	22	-11	31	1443	0	24	31	3	0.03	0.03	0.03	14		3	1+	0	0	0
SHARON	27.7	11.4	19.6	7.4	41	22	-9	31	1402	0	23	31	3	0.06	0.06	0.06	16	0.5	2	1+	0	0	0
VALLEY CITY	31.2	13.5	22.4	7.9	45	22	-4	31	1315	0	18	31	3	0.16	0.42	0.13	16	1.8			1	0	0
WAPPETON STATE SCHOOL	30.8	12.5	21.7	5.9	42	22	-3	31	1335	0	18	31	3	0.15	0.35	0.09	16	2.3	1	1+	0	0	0
DIVISION			20.6	7.9										0.15	-0.39			1.8					
MIDDLE DIVISION																							
ASHLEY	33.3	13.5	23.4	8.6	52	22	1	31	1286	0	15	31	0	0.09	-0.41	0.05	16	1.5	1	1+	0	0	0
BELCOURT INDIAN RES	29.2	11.6	20.4		48	22	-11	31	1375	0	23	31	3	0.03	0.03	0.03	30		3	1+	0	0	0
BISBEE	29.7	14.6	22.2	12.5	44	22	-9	31	1320	0	21	31	2	T	-0.43	T	27+		1	1+	0	0	0
BISMARCK W8 AP	36.0	13.7	24.9	9.4	56	22	-6	30	1237	0	9	31	2	0.06	-0.34	0.03	31	0.9	1	31	0	0	0
BOTTINEAU	29.5	12.3	20.9	12.6	47	23	-9	31		0	17	31	3	0.04	-0.43	0.03	30	0.4	1	1+	0	0	0
BUTTE	32.8M	15.4M	24.1M	9.3	53	23	-10	31		0	14	31	2	0.12	-0.37	0.05	17+	1.5	1	1+	0	0	0
CARSON NO 2	40.0M	18.4M	29.2M	12.6	55	22			1082	0	31			T	-0.48	T	29		T	1+	0	0	0
CENTER	35.9	13.9	24.9	8.5	59	22	-11	31	1237	0	9	31	3	0.07	-0.37	0.07	29	0.5	1	29+	0	0	0
DRAKE	32.4	14.4	23.4	8.0	52	23	-7	31		0	15	31	2	0.04	-0.37	0.03	17		T	1+	0	0	0
ECKMAN	32.1	12.4	22.3	12.0	48	23	-12	31		0	15	31	2	0.05	-0.42	0.05	30		T	1+	0	0	0
FESSENDOEN	32.6	12.9M	22.8M	11.0	51	22	-8	31	1303	0	17	31	3	T	-0.56	T	27		T	1+	0	0	0
FORT YATES	38.3	15.4	26.9	7.7	58	22	-3	31	1176	0	8	31	1	0.09	-0.29	0.06	30	0.7	1	1+	0	0	0
FOXHOLM 7 N	34.5	16.2	25.4	11.2	49	22	-13	31	1220	0	12	31	3	0.08	-0.43	0.04	27		1	1+	0	0	0
GARRISON	34.8	15.5	25.2	10.8	53	23	-6	31		0	9	31	2	0.03	-0.45	0.02	30	0.3	1	30+	0	0	0
GRANVILLE	33.8M	15.3M	24.6M	11.6	52	22	-11	31	1247	0	11	31	2	T	-0.46	T	17+		T	1+	0	0	0
HANSBORO	29.6M	13.3M	21.5M	12.3	46	21	-12	31	1343	0	31	3		T	-0.54	T	8+		T	2	1+	0	0
LEEOS	30.6	13.4	22.0		45	22	-7	31	1322	0	19	31	3	T		T	1+		T	1+	0	0	0
LINTON	35.3	10.1	22.7	7.4	56	22	-6	31	1303	0	12	31	4	T	-0.39	T	1+		T	1+	0	0	0
MADOCK AGR SCHOOL	31.7	14.0	22.9	11.5	47	22	-9	31	1295	0	18	31	3	0.05	-0.38	0.05	30		T	29+	0	0	0
MANOAN EXP STATION	35.6	14.5	25.1	10.0	56	23	-5	31		0	10	31	3	0.02	-0.43	0.02	31	0.5	1	31	0	0	0
MANOAN FT LINCOLN PARK	37.9	16.2	27.1		57	22	-3	31	1167	0	8	31	2	0.03	-0.43	0.03	30	0.3	T	1+	0	0	0
MAX	32.6	13.9	23.3	8.9	52	23	-9	31		0	17	31	2	0.09	-0.31	0.05	30	1.5	1	30+	0	0	0
MC CLUSKY	32.2	13.8	23.0	9.3	50	22	-10	31	1293	0	16	31	2	0.09	-0.43	0.04	27	0.6	T	1+	0	0	0
MINOT CAA AP	32.8	17.5	25.2	12.1	51	22	-11	30	1231	0	14	30	3	0.18	-0.28	0.07	30	1.6	1	1+	0	0	0
MINOT EXP STATION	31.3	14.9	23.1		52	23	-14	31		0	17	31	3	0.08		0.05	27	2.2	2	27+	0	0	0
MOFFIT 4 SE	35.2	12.3M	23.8M		52	22	-10	31	1271	0	10	31	4	0.04		0.04	30	0.4	T	1+	0	0	0
MOHALL	31.7M	15.2	23.5M	11.8	47	22	-8	31	1271	0	17	31	3	0.04	-0.38	0.02	29+				0	0	0
NAPOLEON	32.6	12.7M	22.7M	9.3	50	22	-2	1+	1309	0	17	31	0	0.06	-0.39	0.04	30		1	1+	0	0	0
NEW SALEM 1 S	36.5	16.1	26.3	10.1	56	22	-7	30+	1193	0	8	30	2	0.08	-0.43	0.05	30	1.0			0	0	0
PETTIBONE	31.9	12.8	22.4	10.7	48	22	-6	31	1316	0	16	31	3	T	-0.44	T	16+		1	1+	0	0	0
RIVEROALE	33.3	15.4	24.4		51	23	-6	31		0	13	31	2	0.02		0.02	30		T	1	1+	0	0
ROLLA	29.4	12.9	21.2	11.0	50	22	-12	31	1354	0	20	31	3	T	-0.49	T	2+		2	1+	0	0	0
RUGBY	31.4	15.3	23.4		46	22	-8	31	1283	0	17	31	2	0.07	-0.40	0.03	30	2.5			0	0	0
SAN HAVEN	29.4	14.3	21.9	11.6	47	22	-10	31	1331	0	23	31	2	0.04	-0.39	0.04	30	0.6	3	1+	0	0	0
STEELE	35.0	13.5	24.3	11.1	53	22	-13	31	1256	0	12	31	2	0.09	-0.40	0.05	17	1.5	2	1	0	0	0
TOWNER	32.7	12.6	22.7	11.5	50	22	-8	30+	1304	0	16	31	3	0.06	-0.43	0.06	26	1.0			0	0	0
TURTLE LAKE	34.4	14.6M	24.5M	11.2	52	22	-7	31	1256	0	12	31	2	0.05	-0.41	0.03	30	1.3			0	0	0
UNDERWOOD	34.2M	13.6	23.9M		52	23	-6	31		0	11	31	2	0.05		0.02	17+		1	30+	0	0	0
UPHAM 3 N	31.4	11.6	21.5		50	22	-11	30	1309	0	14	31	3	T	-0.43	T	27+		T	27+	0	0	0
VELVA	34.4	15.9	25.2	10.2	53	22	-10	31	1230	0	11	31	3	0.07	-0.40	0.03	27	1.7	1	1+	0	0	0
WASHBURN	35.5	15.2	25.4	9.9	55	22	-12	31	1221	0	10	31	2	T	-0.43	T	6+		T	1+	0	0	0
WESTHOPE	31.2	12.9M	22.1M	11.9	47	22	-11	30	1314	0	16	31	3	E	0.11	0.06	29	1.5			0	0	0
WILLOW CITY	31.8	10.4	21.1	11.9	49	22	-11	30+	1355	0	17	31	4	0.03	-0.57	0.03	30	0.5	1	30+	0	0	0
WILTON	33.2M	14.8M	24.0M	9.2	51	22	-8	31	1265	0	7	31		0.08	-0.37	0.08	30				0	0	0
WISHEK					51	22				0	7	31											
DIVISION			23.6	10.3										0.05	-0.40			0.6					
WESTERN DIVISION																							
ALMONT 7 SW	38.1	16.8	27.5	9.3	56	22	-7	31	1159	0	6	30	2	0.05	-0.29	0.05	30	1.0	1	1+	0	0	0
AMIOD	39.5	17.2	28.4	9.3	55	23	-5	31		0	5	31	2	0.10	-0.29	0.10	30	0.5	1	30+	1	0	0
BEACH	38.1	15.1	26.6	8.2	56	23	-6	31		0	7	31	2	0.14									

NORTH DAKOTA
DECEMBER 1954

Station

[illegible]

NORTH DAKOTA
DECEMBER 1954

NORTH DAKOTA
DECEMBER 1954

See reference notes following Station Index.
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Table 5

DAILY TEMPERATURES

NORTH DAKOTA
DECEMBER 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX MIN	22 5	38 5	46 20	47 19	37 19	29 21	31 21	33 22	35 7	40 13	36 17	46 16	43 22	41 23	39 23	35 25	40 26	42 28	49 25	49 29	53 26	56 36	46 24	37 15	40 16	21 3	30 9	35 8	38 8	9 -4	38 -7	38.1 16.8
AMENIA	MAX MIN	23 5	23 8	37 8	24 7	23 7	25 7	28 18	33 21	29 23	24 8	30 11	30 2	31 8	35 26	30 16	28 22	31 16	29 21	34 18	35 17	32 13	43 21	41 31	34 23	36 24	26 4	17 2	21 2	34 14	25 -2	26 -11	29.4 12.6
AMIDON	MAX MIN	21 6	24 9	35 17	47 22	43 23	44 20	35 19	40 17	35 13	38 19	39 17	40 17	45 19	44 18	38 20	42 23	40 24	49 29	45 29	47 26	51 26	50 28	55 24	35 16	43 19	41 12	30 8	29 9	35 17	36 -4	30 -5	39.5 17.2
ARVILLA STATE PARK	MAX MIN	14 -5	21 5	28 5	25 10	25 -3	25 1	28 20	31 21	28 22	24 7	29 6	32 1	30 15	35 26	29 19	31 22	26 15	34 13	33 15	38 7	43 14	39 31	35 18	27 15	19 -5	12 -2	27 -2	33 9	11 -5	24 -17	27.7 9.6	
ASHLEY	MAX MIN	20 4	28 8	37 12	41 15	30 5	25 13	29 27	32 24	28 11	27 6	30 10	38 4	32 16	37 25	33 15	31 25	33 14	33 13	37 21	40 26	44 28	52 22	42 24	34 10	39 22	24 4	23 10	33 5	40 14	28 5	31 1	33.3 13.5
BEACH	MAX MIN	22 4	22 5	36 16	43 19	42 13	43 17	37 20	40 18	36 11	37 13	39 17	37 12	41 27	39 16	39 16	40 21	35 22	41 22	47 26	48 28	52 27	52 22	56 22	37 15	39 17	39 9	26 6	29 3	32 11	30 -5	26 -1	38.1 15.1
BELCOURT INDIAN RES	MAX MIN	24 4	25 3	37 13	29 10	24 12	25 11	29 24	31 20	21 14	21 12	30 9	37 4	36 20	36 18	30 7	30 20	32 19	40 25	45 20	43 20	48 24	43 18	24 16	17 11	16 2	17 0	26 2	26 2	4 -10	23 -11	29.2 11.6	
BELFIELD	MAX MIN	26 2	39 6	47 13	44 18	47 11	29 22	41 21	35 19	40 9	41 9	39 12	45 4	41 27	39 24	40 20	37 21	39 22	45 28	50 22	52 22	55 32	46 14	37 9	39 15	28 4	31 1	32 5	30 4	4 -6	45 -7	39.1 14.0	
BEULAH	MAX MIN	18 -4	22 -5	33 -3	40 9	35 14	27 18	28 25	33 25	27 10	28 2	35 4	38 6	43 15	38 19	37 17	38 20	32 20	38 29	40 25	45 20	45 16	46 17	52 23	33 11	34 1	28 1	24 11	34 2	29 -6	15 -9	33.4 10.8	
BISBEE	MAX MIN	23 10	27 17	31 16	29 14	24 13	28 13	37 26	29 23	24 18	25 15	28 13	37 10	36 15	35 21	31 13	30 19	30 19	33 19	36 23	38 20	44 23	41 25	26 14	25 6	23 13	18 3	29 8	26 14	14 -5	22 -9	29.7 14.6	
BISMARCK WR AP	MAX MIN	22 0	37 5	46 16	40 10	30 29	29 20	31 31	35 25	27 12	30 7	35 10	46 9	41 18	40 20	49 19	34 23	37 20	42 28	46 28	48 20	49 16	56 23	38 13	36 10	24 5	28 9	35 3	38 6	7 -6	35 -1	36.0 13.7	
BOETTNEAU	MAX MIN	21 9	31 4	37 5	33 13	35 16	25 13	29 25	33 26	27 15	20 14	23 13	28 17	42 16	34 18	34 14	33 17	32 19	35 23	38 25	38 26	40 28	47 24	34 18	26 11	17 5	19 -2	26 2	21 -6	8 -9	29.5 12.3		
BOWRELLS	MAX MIN	21 12	28 7	27 10	35 14	25 20	31 24	37 14	26 16	26 13	20 14	28 17	33 17	40 27	38 21	35 19	37 25	32 23	37 24	39 25	41 26	42 23	42 28	48 24	32 18	32 12	22 5	14 3	19 6	21 -3	8 -5	20 -9	30.3 14.9
BOWMAN COURT HOUSE	MAX MIN	22 0	35 2	41 16	41 21	42 19	35 22	40 22	35 28	38 12	37 22	40 13	37 15	42 22	37 18	38 18	37 23	39 23	45 30	49 30	50 25	53 33	44 24	44 17	32 22	32 13	30 7	34 6	40 21	22 -3	48 5	39.1 17.5	
BUTTE	MAX MIN	25 7	20 7	30 8	37 15	33 15	30 20	29 21	35 26	29 17	20 7	34 13	30 15	40 27	30 25	37 21	33 25	35 21	45 25	43 25	45 26	53 27	33 13	34 27	34 13	6 10	23 10	32 10	32 -5	33 -10	13 -10	32.8 15.4	
CARRINGTON	MAX MIN	23 4	37 5	46 11	38 23	28 18	28 22	33 20			36 15	45 20	42 26	40 22	39 18	35 22	42 24	46 28	49 26	50 25	52 23	55 31	35 22	40 11	40 16	5 13	10 5	40 10					40.0 18.4
CARSON NO 2	MAX MIN	23 4	37 5	46 11	38 23	28 18	28 22	33 20			36 15	45 20	42 26	40 22	39 18	35 22	42 24	46 28	49 26	50 25	52 23	55 31	35 22	40 11	40 16	5 13	10 5	40 10					40.0 18.4
CAVALIER	MAX MIN	21 8	23 6	30 15	26 10	21 5	27 6	30 20	28 24	22 15	31 13	34 7	33 19	32 20	38 13	30 23	32 15	35 20	37 25	40 28	45 25	43 26	26 15	45 26	20 18	15 2	15 0	30 3	31 4	4 -10	19 -10	28.0 12.3	
CENTER	MAX MIN	22 1	36 -2	44 9	38 17	34 11	32 18	30 25	39 19	24 14	35 7	33 17	41 19	40 20	40 13	39 15	35 20	37 25	40 28	42 25	45 25	46 26	59 26	42 15	32 28	28 8	34 18	34 10	4 -8	15 -11	36 -11	35.9 13.9	
COOPERSTOWN	MAX MIN	20 -4	25 13	33 10	28 7	23 6	28 10	28 19	32 23	28 19	22 6	29 12	35 5	30 13	34 23	29 8	28 21	31 13	28 14	33 17	37 18	43 16	44 23	41 28	30 13	30 14	19 2	15 2	32 2	34 12	16 -3	24 -8	29.3 11.5
CROSBY	MAX MIN	24 11	28 5	36 12	28 10	29 18	35 16	39 23	36 20	22 15	33 8	40 10	37 10	37 22	35 18	36 21	34 28	41 21	45 28	45 19	45 21	51 30	36 18	35 14	22 12	15 7	16 -4	22 5	18 -5	14 -3	39 -4	32.5 14.0	
DEVILS LAKE WR CITY	MAX MIN	23 3	27 13	33 15	29 14	25 8	29 13	29 23	32 22	22 17	23 12	29 14	33 13	36 22	33 13	32 18	30 17	30 16	37 20	37 20	41 23	45 26	36 27	41 21	26 17	16 4	32 12	29 8	0 -7	25 -6	29.0 13.0		
DICKINSON CAA AP	MAX MIN	28 7	38 11	46 21	44 17	39 14	30 24	42 24	35 15	40 12	42 17	38 13	44 20	43 29	40 18	42 21	34 22	38 25	44 28	48 26	50 27	52 31	55 13	36 17	38 13	29 4	25 11	30 12	36 1	36 -2	12 -5	44 11	39.0 17.0
DICKINSON EXP STATION	MAX MIN	21 2	28 4	39 11	46 18	44 12	41 11	31 26	44 30	40 10	40 10	39 14	45 20	43 20	40 22	37 20	34 22	37 20	40 26	43 26	50 25	52 24	56 28	56 27	38 12	40 4	23 5	31 6	26 -4	34 -3	20 -3	38.6 14.4	
DRAKE	MAX MIN	19 5	27 5	36 6	37 13	29 12	30 19	30 22	33 18	29 11	20 11	34 12	42 12	38 20	33 19	38 23	33 19	34 26	43 23	40 21	43 22	46 21	52 23	40 21	35 16	28 7	11 7	23 6	32 -4	28 -7	12 -12	32.4 14.4	
DUNN CENTER	MAX MIN	20 -1	26 -1	37 7	44 14	43 15	28 18	31 25	42 25	33 8	37 4	39 12	43 4	46 15	41 21	39 20	41 22	45 20	40 26	45 26	48 25	50 24	53 28	55 27	35 12	35 9	21 0	26 2	33 -2	28 -7	17 -9	37.3 11.9	
ECKMAN	MAX MIN	24 4	29 2	29 2	35 10	31 14	30 19	34 24	36 28	31 17	24 15	26 13	34 14	43 18	38 15	37 20	35 22	38 14	42 18	45 18	48 18	45 24	48 18	35 8	30 7	21 6	22 2	29 2	29 -9	32 -12	12 -12	32.1 12.4	
EDGELEY EXP FARM	MAX MIN	21 -3	23 0	29 9	39 19	37 15	21 10	27 14	33 24	25 11	24 4	29 11	35 7	40 12	37 14	34 17	33 18	31 18	32 1														

Table S-Continued

DAILY TEMPERATURES

NORTH DAKOTA
DECEMBER 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX MIN	20 7	25 7	38 7	48 15	37 13	34 15	30 24	35 27	34 15	20 9	39 13	33 17	44 22	40 23	39 22	37 24	34 24	37 26	47 24	46 26	45 22	46 24	53 26	34 13	34 15	30 4	22 12	25 7	33 7	22 -3	17 -6	34.8 15.5
GRAFTON	MAX MIN	17 1	19 2	28 7	29 14	20 0	23 2	27 20	30 23	28 27	23 15	30 9	30 5	29 11	35 28	30 24	29 31	33 22	29 15	33 20	29 11	33 28	24 24	40 27	27 20	27 10	27 1	10 -4	26 0	31 12	13 -5	21 -12	26.8 11.5
GRAND FORKS CAA AP	MAX MIN	17 -3	20 10	29 8	27 6	15 -1	25 5	28 20	29 23	25 21	22 8	29 5	24 2	32 11	35 22	29 22	28 15	27 20	23 15	27 19	28 18	28 20	38 20	38 22	26 19	27 20	10 8	11 -2	22 0	30 -1	1 -10	25 -10	25.1 9.9
GRAND FORKS UNIVERSITY	MAX MIN	14 -3	19 5	28 18	28 19	19 2	29 10	27 19	28 22	29 27	22 8	28 13	23 4	29 12	34 26	28 23	29 12	34 26	28 23	27 16	27 18	37 20	28 21	27 18	37 20	29 28	27 18	-1	1	22 0	31 8	5 -5	25.7 12.7
GRAND RAPIDS 1 N	MAX MIN	25 -4	23 12	40 4	38 8	28 18	31 6	32 24	33 26	30 20	26 24	28 3	34 11	31 -2	37 11	34 25	30 9	34 19	30 10	32 15	40 16	45 18	50 22	48 29	37 37	31 19	20 3	7	26 -3	41 11	26 3	30 -5	33.4 11.5
GRANVILLE	MAX MIN	28 4	32 6	38 12	35 18	35 20	35 17	35 20	35 27	25 13	33 27	37 13	44 15	40 22	39 24	39 19	32 24	36 23	42 29	45 26	39 20	45 22	52 29	34 13	25 15	18 9	21 9	30 3	29 5	7 -8	33 -11	33.3 15.3	
GRENORA	MAX MIN	28 6	33 8	42 14	38 19	35 22	40 17	41 24	38 22	28 13	34 15	36 11	44 22	40 24	39 17	40 22	38 21	39 17	46 21	40 22	39 18	45 23	52 31	48 21	33 19	22 13	16 10	16 -6	28 12	29 -4	-2 -12	40 -8	35.6 15.2
HANKINSON R R STATION	MAX MIN	27 6	23 3	27 13	34 17	33 8	32 10	26 14	28 16	33 17	29 4	24 4	24 8	25 9	39 11	35 12	28 14	29 13	31 15	23 20	36 25	36 12	34 18	44 20	32 25	34 18	42 15	33 8	25 5	34 5	2 10	30.2 11.1	
HANNAH	MAX MIN	27 3	20 9	37 11	29 8	25 4	27 11	28 23	32 24	24 17	26 9	35 6	35 12	34 18	28 17	30 16	32 20	34 13	39 18	40 20	37 25	40 22	37 25	24 10			12 -2	17 3	32 1	26 0	19 -13	27.7 10.3	
HANSDORO	MAX MIN	25 12	25 8	38 15		29 11	29 17	29 22	34 27	23 17	22 13	27 13	37 6	36 17	36 20	30 10	29 19	30 20	36 13	38 24	39 24	46 26	44 25	40 26	25 18	25 12	13 4	19 10	28 10	25 -10	12 -12	20 13.3	
HETTINGER	MAX MIN	24 2	37 2	44 18	48 20	39 16	30 27	38 24	42 22	41 17	42 13	38 14	44 14	44 22	40 21	42 22	40 21	46 20	50 28	53 28	52 24	55 28	45 32	45 30	42 21	34 14	38 21	43 14	5 5	15 15	-1 1	48 1	41.0 16.7
HILLSBORO	MAX MIN	20 3	26 5	31 5	27 9	21 4	27 6	28 18	31 21	29 22	25 4	30 9	29 0	28 5	34 25	32 18	28 14	28 20	28 14	30 12	29 13	43 20	39 32	30 20	33 22	22 1	15 2	25 -1	32 11	25 -4	11 -12	28.3 11.3	
JAMESTOWN CAA AP	MAX MIN	23 -4	28 12	38 14	34 13	26 13	28 17	28 25	33 22	26 11	24 8	30 6	40 4	38 13	37 13	34 12	29 17	35 18	30 16	38 22	42 20	45 16	50 28	37 23	31 13	34 9	21 3	20 5	34 5	39 7	8 -5	28 -1	31.9 11.9
JAMESTOWN STATE HOSP	MAX MIN	25 -7	28 13	37 13	32 15	25 15	28 17	27 26	33 25	29 19	22 9	27 13	40 5	35 14	37 24	27 13	29 23	34 18	44 18	49 23	40 23	44 20	49 28	40 26	31 14	33 21	20 6	20 7	34 5	38 14	19 -3	28 14.8	
KENMARE	MAX MIN	24 13	28 10	28 17	36 17	32 20	27 19	33 25	36 28	26 16	20 14	28 12	32 14	40 26	35 25	36 29	37 26	34 28	38 26	40 28	43 26	42 30	44 21	49 30	32 21	32 9	21 5	12 -5	20 -5	27 0	16 -7	31.8 15.5	
KENSAL WILDLIFE REFUGE	MAX MIN	23 -3	29 13	42 15	36 11	28 13	29 13	28 26	33 25	27 19	25 16	33 11	40 12	37 16	39 24	34 12	32 24	36 16	32 12	35 21	42 23	47 26	52 29	43 26	32 13	23 2	20 7	32 3	40 17	25 0	28 -5	33.4 14.0	
KANGOOK EXP FARM	MAX MIN	18 0	21 8	37 11	29 13	27 0	26 9	28 20	31 23	26 18	21 11	27 13	35 6	35 16	35 20	28 18	29 22	32 13	31 12	34 15	37 15	40 19	41 22	35 25	25 14	23 12	16 0	16 -4	33 5	30 5	5 -7	15 -11	27.6 11.1
LARIMORE	MAX MIN	13 -6	21 8	31 11	21 13	20 3	24 5	27 20	31 22	23 20	22 14	30 11	33 3	31 16	34 25	29 20	28 22	33 15	29 16	33 27	34 18	38 12	42 25	39 30	30 19	29 20	-1	0	28 3	34 10	11 -10	24 -10	27.6 12.3
LEEDS	MAX MIN	26 -2	28 8	33 13	31 8	24 12	31 12	31 26	24 24	25 16	25 17	29 10	39 12	36 21	33 23	33 11	30 21	32 17	35 22	40 14	42 20	45 23	40 25	33 25	18 16	13 8	18 6	31 8	28 7	20 -5	27 -7	30.6 13.4	
LINTON	MAX MIN	22 -1	28 5	43 2	47 11	31 6	29 16	30 14	35 15	21 6	25 14	35 15	38 12	31 2	39 16	38 12	32 21	38 16	39 12	45 19	49 12	49 11	56 19	41 21	35 11	40 22	30 5	24 -4	34 5	41 -2	17 -6	33 10.1	
LISRON	MAX MIN	19 -1	22 15	34 8	29 8	25 9	28 4	29 17	32 22	28 23	23 8	27 11	27 1	29 13	35 26	32 10	27 16	32 12	30 17	32 17	36 16	34 9	42 20	42 28	33 12	32 22	16 2	16 -3	31 14	23 30	25 -5	29.5 11.5	
LOSTWOOD 12 N	MAX MIN	21 3	26 6	34 10							19 12	28 9	31 15	38 16	37 22	34 17	36 23	33 22	36 24	42 22	42 24	44 22	47 29	41 15	31 8	25 8	13 3	16 -7	25 4	23 -12	30 -9	35 11.6	
MADDOCK AGR SCHOOL	MAX MIN	26 -1	32 5	34 15	31 14	26 15	32 13	30 26	33 26	26 15	27 11	28 11	40 7	38 17	37 22	34 17	32 26	34 15	34 20	37 20	38 22	42 25	47 29	42 25	30 18	28 18	5 7	30 15	28 5	16 -3	27 -9	31.7 14.0	
MANDAN EXP STATION	MAX MIN	20 -1	27 2	38 6	46 17	40 11	30 18	30 22	35 26	30 14	21 7	30 9	34 11	48 20	42 22	39 19	39 22	35 24	37 30	42 29	46 26	47 18	49 20	56 25	35 11	38 18	23 6	27 9	37 9	15 -5	35.6 14.5		
MANDAN FT LINCOLN PARK	MAX MIN	22 3	38 4	47 18	45 3	38 20	29 20	30 23	35 26	26 14	30 6	35 14	47 12	40 20	42 25	40 20	36 28	39 29	44 29	48 27	49 26	51 20	57 21	51 39	38 21	28 6	28 15	37 2	40 15	15 0	3 -3	37.9 16.2	
MARMARTH	MAX MIN		35 5	40 -5	40 10	40 12	35 15	38 21	36 24	36 6	36 22	35 13	40 12	39 15	39 20	40 25	43 20	46 25	47 20	50 25	50 24	54 21	41 22	43 20	36 13	30 5	30 8	35 5	15 4	49 -2	39.0 14.9		
MAX	MAX MIN	19 5	25 4	32 5	40 10	32 13	30 15	29 23	35 27	30 14	19 23	32 9	32 13	41 19	38 18	38 19	38 23	36 24	40 25	45 23	45 20	45 30	52 21	34 13	34 12	28 8	18 9	24 5	30 5	24 -4	15 -10	32.6 13.9	
MAYVILLE	MAX MIN	20 0	24 8	31 16	26 9	23 3	26 8	28 19	32 22	28 21	26 8	30 8	32 6	28 13	34 27	32 19	27 22	28 16	32 19	37 13	31 19	30 13	43 24	40 30	30 22	32							

Table 5-Continued

DAILY TEMPERATURES

NORTH DAKOTA
DECEMBER 1954

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX MIN	27 0	34 -4	46 17	45 16	43 10	32 24	42 24	37 22	42 11	47 11	39 12	45 12	45 19	40 19	42 18	35 21	39 20	46 24	49 26	52 27	51 23	55 31	47 21	42 8	40 21	30 6	31 10	37 0	39 12	13 -5	47 -6	40.5 14.5
NEW SALEM 1 S	MAX MIN	22 5	37 7	44 17	41 20	29 16	29 22	30 22	34 21	25 13	38 7	36 22	45 18	43 25	40 24	39 19	35 24	38 24	42 13	48 28	49 28	50 22	56 34	39 19	35 11	37 20	23 5	29 5	36 10	37 7	8 -7	37 -7	36.5 16.1
NEWTOWN	MAX MIN	29 8	32 1	40 10	44 21	26 10	31 25	40 25	30 23	34 14	27 12	37 17	46 16	41 18	41 23	38 20	36 26	40 26	41 27	44 25	44 19	44 25	52 28	44 27	32 13	28 13	18 8	22 -3	33 -2	30 5	5 -8	37 -8	35.0 15.2
OAKES	MAX MIN	22 1	22 1	20 2	35 8	34 10	28 5	33 10	33 23	33 20	29 5	27 11	26 -1	27 7	37 15	36 10	33 11	30 12	34 13	29 21	35 11	38 10	33 15	50 17	36 9	38 12	27 7	22 4	16 -3	23 0	28 4	16 2	30.4 8.8
PARK RIVER	MAX MIN	20 2	20 7	30 12	27 11	21 3	24 6	27 19	31 24	28 22	24 15	30 13	36 19	36 19	38 27	29 24	30 22	33 17	28 20	37 24	34 22	42 17	43 29	40 32	32 16	27 20	20 2	15 0	33 2	32 10	19 -5	28.9 14.1	
PARSHALL	MAX MIN	28 7	32 3	41 8	36 17	27 24	46 17	37 24	23 27	23 12	30 9	36 12	45 8	40 20	38 20	39 18	35 21	39 21	42 21	44 24	45 22	44 17	52 25	42 19	33 10	28 7	16 5	21 -5	30 -4	24 5	5 -9	37 -5	34.3 13.0
PEMBINA 2 N	MAX MIN	17 9	29 7	29 4	31 12	31 -3	24 2	28 20	30 22	28 19	25 18	30 14	28 4	27 14	34 24	34 26	30 22	29 13	29 8	32 22	32 13	29 18	42 21	42 18	35 18	24 -8	24 -12	7 -2	23 11	23 -8	22 -8	27.4 10.1	
PETERSBURG	MAX MIN	16 -4	20 5	27 9	25 12	22 7	21 21	26 19	32 23	23 20	27 9	34 12	37 7	40 14	34 19	26 11	27 30	28 14	31 8	33 8	33 15	37 21	39 21	38 27	27 17	25 17	19 2	12 0	26 4	23 10	18 -11	25.9 10.4	
PETTIBONE	MAX MIN	23 -1	27 10	37 9	38 14	25 17	30 12	27 25	33 21	23 13	28 6	29 12	39 8	32 16	37 22	31 15	33 26	33 10	33 19	38 16	40 15	44 19	48 21	41 25	33 12	31 20	21 7	21 8	29 11	33 -1	15 -2	32 -6	31.9 12.8
PORTAL	MAX MIN	23 15	28 7	26 10	34 13	29 20	27 18	34 23	37 26	25 16	20 13	29 9	33 10	40 25	37 17	35 10	38 21	35 25	37 21	42 22	41 22	43 26	42 25	46 24	31 11	34 6	21 -1	12 9	17 -1	27 9	10 -10	15 -16	30.6 14.2
POWERS LAKE 1 N	MAX MIN	26 1	27 -1	35 4	31 9	25 18	30 22	33 26	33 18	20 13	29 10	33 6	38 16	37 17	34 15	45 20	38 26	40 10	42 26	41 18	43 16	48 28	40 14	32 12	25 10	15 -5	19 -12	22 -1	22 -6	16 -12	36 -8	31.5 11.2	
RAUB 10 SSW	MAX MIN	24 7	36 5	44 16	40 20	27 8	31 25	40 27	37 23	23 13	30 11	36 14	45 17	42 26	40 23	40 19	42 27	43 29	45 27	46 28	48 27	48 24	34 34	46 19	34 15	32 5	23 0	23 5	30 -5	10 -5	40 -5	36.5 15.8	
RICHAROTON ABBEY	MAX MIN	23 4	37 5	45 20	45 23	35 17	29 23	37 25	35 23	38 12	42 15	39 14	45 17	43 24	41 23	42 18	37 25	38 25	43 27	49 31	50 29	52 29	55 35	49 35	38 24	39 4	30 13	30 4	34 9	36 11	43 -3	39.0 17.9	
RIVEROALE	MAX MIN	20 5	22 4	33 4	40 15	35 11	29 14	30 23	30 27	35 16	21 11	34 10	32 16	44 21	42 25	37 21	38 22	32 25	37 28	44 27	44 25	43 21	46 24	51 27	33 17	35 4	29 6	22 10	26 11	33 -2	27 -6	15 -6	33.3 15.4
ROLLA	MAX MIN	24 8	25 6	33 11	28 14	23 12	28 25	29 22	33 24	22 12	29 8	35 12	38 12	36 21	36 20	29 10	29 22	30 18	34 24	44 20	42 25	45 25	50 25	42 20	24 14	16 2	27 5	27 -5	26 -10	37 -12	32 -12	25 -10	29.4 12.9
RUGBY	MAX MIN	27 8	30 6	33 12	32 12	27 18	32 17	31 23	23 16	23 13	27 14	29 12	39 13	37 21	37 23	34 15	34 26	38 23	39 21	39 20	43 22	43 20	46 26	43 26	30 13	26 16	18 6	20 6	29 6	28 6	9 -5	27 -8	31.4 15.3
SAN HAVEN	MAX MIN	27 8	27 5	32 15	32 16	25 16	28 13	31 25	21 16	21 16	21 13	30 12	38 12	32 15	35 25	32 15	30 24	31 23	35 21	42 27	44 24	42 23	47 24	42 25	25 16	19 3	18 3	26 3	23 -6	33 -10	20 -10	29.4 14.3	
SHARON	MAX MIN	20 -5	23 6	33 18	23 13	25 7	25 21	27 18	31 25	25 19	20 6	30 12	34 16	28 14	34 19	28 19	31 20	31 12	36 20	36 18	42 20	38 25	29 24	29 15	16 1	14 1	16 1	28 12	34 -4	12 -9	23 -9	27.7 11.4	
STANLEY	MAX MIN	26 6	29 5	36 12	32 14	24 17	22 22	35 25	35 21	12 12	27 10	33 10	40 12	37 24	35 20	36 19	31 24	37 22	38 28	43 27	42 23	43 23	49 32	38 20	29 10	26 12	15 -10	17 -10	28 -4	25 -10	35 -10	31.3 13.6	
STEELE	MAX MIN	22 2	30 8	40 11	38 18	31 12	30 25	29 22	34 27	27 11	35 5	32 13	38 11	33 18	33 25	37 15	39 17	35 17	35 16	42 22	43 19	46 17	51 26	37 27	35 22	27 4	31 3	29 10	37 13	20 -13	31 -13	35.0 13.5	
TOWNER	MAX MIN	24 0	30 1	38 11	34 10	31 18	32 15	37 17	37 15	27 15	29 14	28 13	41 21	42 19	33 16	38 14	35 21	43 19	39 16	38 14	45 21	50 23	42 17	30 17	28 17	22 6	25 11	29 4	24 3	6 -8	27 -8	32.7 12.6	
TURTLE LAKE	MAX MIN	23 3	33 3	41 11	35 15	31 11	28 25	29 23	34 24	25 14	33 9	40 12	44 15	40 21	40 22	37 20	36 25	35 20	41 23	45 23	44 18	44 23	52 29	47 25	37 23	32 17	23 5	25 10	33 9	30 9	10 -30	34.4 14.6	
UNDERWOOD	MAX MIN	22 4	22 2	33 2	40 14	35 12	29 21	35 23	31 14	21 14	21 11	34 11	31 13	45 15	41 21	37 20	41 20	35 21	40 24	44 24	45 21	44 26	52 24	35 26	36 8	22 6	26 9	33 9	34 -4	34 -6	13 -13	34.2 13.6	
UPHAM 3 N	MAX MIN	30 5	31 2	36 2	35 11	30 20	32 6	34 27	33 22	29 11	28 14	33 9	43 12	40 15	39 19	38 14	36 24	35 20	43 21	45 22	44 15	46 15	50 21	44 28	30 9	22 11	16 3	22 -2	30 3	25 -11	29 -10	31.4 11.6	
VALLEY CITY	MAX MIN	21 -2	22 14	33 12	33 10	25 8	31 10	32 18	28 24	28 22	23 6	38 12	30 10	27 13	37 26	37 12	30 22	33 17	33 17	35 23	35 25	41 25	45 32	35 22	35 15	28 12	28 4	38 4	38 15	32 0	27 -4	31.2 13.5	
VELVA	MAX MIN	27 0	31 5	37 10	31 13	33 17	33 19	34 28	36 25	25 18	32 11	30 17	41 13	41 27	40 26	37 20	35 28	34 25	41 29	46 28	43 27	45 21	53 25	45 27	35 11	34 13	18 8	24 1	31 9	29 -5	11 -10	33 -10	34.4 15.9
WAMPETON STATE SCHOOL	MAX MIN	21 -1	26 8	35 6	30 8	28 6	26 7	28 18	34 23	30 19	28 6	28 18	29 6	33 12	34 29	32 11	28 21	30 10	25 20	33 20	38 18	31 20	42 20	37 29	34 13	37 22	33 5	33 9	18 7	33 16	31 -2	26 -3	30.8 12.5
WASHBURN	MAX MIN	27 5	36 6	43 14	38 19	37 13	28 21	28 24	30 13	30 13	30 11	34 15	47 15	39 15	39 26	37 21	37 27	36 24	41 28	46 21	47 19	55 29	38 16	36 14	33 12	25 5	28 9	35 10	33 9	32><			

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
DECEMBER 1954

Station		Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ALMONT 7 SW	SNOWFALL SN ON GND	1															T	T														1.0	1		
AMENIA	SNOWFALL SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	3.0	2	2	1	1	1	T	T	T	T	T	T	T	T	T	1.0	1		
AMIDON	SNOWFALL SN ON GND																	T														0.5	1		
ASHLEY	SNOWFALL SN ON GND	1.0															0.5	1	1	1												T	T		
BEACH	SNOWFALL SN ON GND	1	1	1	1	T	T	T	T	T	T																		-			3.0	T		
BELCOURT INDIAN RES	SNOWFALL SN ON GND	3	3	3	3	3	3	3	3	3	3	2	1	1	1	1	1	1	1	1									T	T	T	T	T		
BELFIELD	SNOWFALL SN ON GND	1	1																								T	T				-	2	2	
BEULAH	SNOWFALL SN ON GND	T	T	T																									T			T	-	T	
BISBEE	SNOWFALL SN ON GND	1	1	1	1	1	1	1	1	1	1	1																	T			T	T		
BISMARCK WB AP	SNOWFALL SN ON GND	T	T	T	T	T	T	T	T	T								T	T									T	T	T	0.2	0.2	0.5		
BOTTINEAU	SNOWFALL SN ON GND	1	T	1	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	0.1	T	T	T	0.3	T		
BOWBELLS	SNOWFALL SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	0.3	T		
CARSON NO. 2	SNOWFALL SN ON GND	T	T	T	T	T																									T				
CENTER	SNOWFALL SN ON GND																T															0.5	T	1	
CROSBY	SNOWFALL SN ON GND	T																										0.2	T	T	T	0.3	1	-	
DEVILS LAKE WB CITY	SNOWFALL SN ON GND	2	T	2	2	2	2	T	T	T	T	2	2	1	1	1	0.2	2	2	2	1	1	1	T	T	T	T	T	T	T	0.1	0.1	0.2	T	
DICKINSON CAA AP	SNOWFALL SN ON GND	1	1	T				T										T	T									T	T		0.3	1.6	1	2	
DICKINSON EXP STATION	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	
QUINN CENTER	SNOWFALL SN ON GND	T	T	T	T	T	T	T	T	T	T	T								T								0.2	T	T	T	1.1	T	1	
EMORE 1 W	SNOWFALL SN ON GND	2	2	2	2	2	2	T	T	T	2	2	1	1	1	1	1	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	
ELLENOALE	SNOWFALL SN ON GND	0.5	2	2	1	1	1	T	T	T	1	1	1	1	1	1	1.4	2	1	1	1	1	1	1	T	T	T	T	-	1	1	0.6	1	1	
FARGO WB AP	SNOWFALL SN ON GND WTR EQUIV	1	1	1	1	1	1	1.6	T	3	3	3	3	3	2	2	1.3	T	T	T	2	2	2	2	2	1	1	1	1	1	1	0.2	0.2	1	1
FORT YATES	SNOWFALL SN ON GND	0.5	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T											T			0.2	T	T	
FOXHOLM 7 N	SNOWFALL SN ON GND	1	1	1	1	1	1												T														T	1	
FULLERTON	SNOWFALL SN ON GND	2	2	1	1	1	1	1	T	T	T	T	T	T	T	T	1.6	1	1	1	T	T	T	T	T			0.6	1	T	T	0.3	T	T	
GARRISON	SNOWFALL SN ON GND	T	T	T														T										0.1	T	T	0.2	1	1		
GRAFTON	SNOWFALL SN ON GND	-	-	-	-	-	-	-	T	T	-	-	3	-	-	-	2.5	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	T	3
GRAND FORKS CAA AP	SNOWFALL SN ON GND	3	3	2	2	2	2	1.2	T	3	3	3	2	2	2	1	2.0	1	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1
GRAND FORKS UNI	SNOWFALL SN ON GND	3	3	3	3	3	3	0.3	3	T	3	3	3	3	T	3	1.2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
GRANVILLE	SNOWFALL SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T						T	T	T	T	T	T	T	
HANSBORO	SNOWFALL SN ON GND	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	T						T	T	T	T	T	T	
HETTINGER	SNOWFALL SN ON GND	T	T				T																										-	1	T
JAMESTOWN CAA AP	SNOWFALL SN ON GND	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T	0.7	T	1	1	1	T	T	T	T	T		T	T	T	T	T	T	T	T
KENSAL WILDLIFE REFUGE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	1
KILOEER B NW	SNOWFALL SN ON GND	2	2																								1.0	1	1	T					
MANDAN EXP STATION	SNOWFALL SN ON GND	T	T	T				T										T	T														T	0.5	1
MAYVILLE	SNOWFALL SN ON GND	2	2	2	1	1	1	1	0.3	T	T	1	1	1	1	1	2.0	3	3	3	3	3	3	2	2	2	2	2	1	1	1	0.4	1	1	1
MC CLUSKY	SNOWFALL SN ON GND	T	T															0.3	T	T								0.2	T		0.1	T	T	T	
MC HENRY S N	SNOWFALL SN ON GND	2	2	2	2	2	2	2	T	2	2	2	1	1	1	1	T	1	1	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T

See reference notes following Station Index.

Table 7-CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
DECEMBER 1954

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MEDORA 4 NNE	SNOWFALL SN ON GND	T																T											0.3		3.0	1
MINOT CAA AP	SNOWFALL SN ON GND	T	T							T	T							T								T	0.6	0.1		0.2	0.7	T
MINOT EXP STATION	SNOWFALL SN ON GND	1	1	T	1	1	1	1	1	1	1	1	1	1	1	1	1	0.2	1	1									1.5	2	0.5	
MOHALL	SNOWFALL SN ON GND	T	T	T	T	T	T											T									T	T		-	-	-
MONTPELIER	SNOWFALL SN ON GND	T	T	1	1	1	1	1	1	1	1	1	T	T	T	T	1.2	1	1	1	1	T	T	T	T	T		0.1	T		0.1	T
MOTT	SNOWFALL SN ON GND	T					T	T																			T				1.0	-
MUNICH 4 SW	SNOWFALL SN ON GND	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	T	1	1	1	1				T			T		T	T	-
NAPOELON 1 SE	SNOWFALL SN ON GND	T	1	1	T	T	T	T	T	T	T	T	T	T	T	T	-	T	1	1	T	T	T					-	T	T	-	1
OAKES	SNOWFALL SN ON GND	2.0	T	T		1	1	1	T	T	0.1	1	1	1	1	1	T	1	2.0	2	2	2	T	T	T	T	T	0.1	T	T	T	0.1
PARSHALL	SNOWFALL SN ON GND																	T									T	0.5	1	0.5	0.1	
PETERSBURG	SNOWFALL SN ON GND	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
PETTIBONE	SNOWFALL SN ON GND	1	1	1	1	1	1	1	1	1	1	J	T	T	T	T	T	T	T	T	T	T					T	T				
PRETTY ROCK	SNOWFALL SN ON GND	2.0	T	1			1.0	1										T													1.0	
RICHARDTON ABBEY	SNOWFALL SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T									T		T	0.9	T
RIVEROALE	SNOWFALL SN ON GND	T	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T									T	T	T	T	T
ROLLA	SNOWFALL SN ON GND	2	T	2	2	2	2	2	2	2	T	2	2	2	2	1	1	1	1	1	1	1	T	T	T	T	T	T	T	T	T	T
SAN HAVEN	SNOWFALL SN ON GND	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	1	1	1	T	T	T	T	T	T	T	T	0.6	1
SHARON	SNOWFALL SN ON GND	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	0.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
STANLEY	SNOWFALL SN ON GND									T																	1.0		-	-	-	-
UPHAM 3 N	SNOWFALL SN ON GND																											T	T	T	T	T
VALLEY CITY	SNOWFALL SN ON GND	-	-	-	-	-	-	-	0.2	T	-	-	-	-	-	-	1.5	-	-	-	-	-	-	-	-	-	-	-	T		0.1	-
WAMPETON STATE SCHOOL	SNOWFALL SN ON GND	0.7	1	1	1	1	1	1	T						T		1.3	1	1	1	1	1									0.3	T
WESTHOPE	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-	0.5
WILLISTON WB CITY	SNOWFALL SN ON GND	1	1	T																						T	0.2	0.1	0.1	0.1	0.3	0.1
WILLOW CITY	SNOWFALL SN ON GND	T	T	T																							T	T	T	T	0.5	T

STATION INDEX

NORTH DAKOTA
DECEMBER 1954

Station	Index No.	County	Drainage ¹	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Adams 7 3	0022	Walsh	10 48 20	88 08	-	6P	Myron J. Betz	3		
Alexander	0098	McKenzie	13 47 50	102 38	2200	7P	Arthur J. Bauman	3	5	7
Almont 7 38	0136	Morton	10 48 38	101 38	2300	6P	Robert H. Hamlin	3	5	7
Amrose	0189	Dixie	12 48 38	102 38	2059	5P	Boo Line Agent	2	3	5
Annals	0188	Cass	11 47 00	97 13	860	5B	Virgil L. Gebeke	2	3	5
Andon	0209	Slope	1 45 29	103 18	2910	9A	Adrian R. Waller	2	3	5
Antler	0263	Bottineau	12 48 58	101 20	1340	MID	W. S. Wegner	2	3	5
Arville State Park	0386	Grand Forks	4 47 38	97 30	980	6P	Albert Thurnen	2	3	5
Ashley	0382	McIntosh	8 48 02	99 22	2025	5B	Boo Line Agent	2	3	5
Baldhill Dam	0450	Harsen	11 47 02	98 02	1300	MID	Corps of Engineers	2	3	5
Balfour	0492	McHenry	12 47 57	100 32	1815	MID	Raymond E. Weller	3		
Balta	0500	Pierce	11 49 10	100 02	1530	9P	Anton Schall	3		
Bantry	0519	Bottineau	12 48 30	106 36	1458	9A	Temple K. Roberts	2	3	5
Beech	0590	Golden Valley	7 48 38	104 01	2814	9A	Belen Tobias	2	3	5
Belcourt Indian Res.	0628	Holmes	9 48 00	105 45	1850	7P	Turtle Mt. Ind. Ag.	2	3	5
Bellevue	0638	Stark	4 48 53	101 11	2582	7P	Carl Underberg	2	3	5
Belvidere	0728	Ward	4 48 18	101 44	2000	7P	Joseph B. Cox	2	3	5
Berthold	0726	Ward	4 47 16	101 47	1780	5A	Mont. Dak. Util. Co.	2	3	5
Biaboe	0796	Worcester	2 48 37	98 22	1600	6P	Robert J. Krick	2	3	5
Bismarck WB Airport	0818	Burleigh	48 46	105 45	1650	MID	U.S. Weather Bureau	2	3	5
Bismarck 12 ENE	0827	Burleigh	48 46	101 30	1709	5P	EFTN Transmitter	3		
Bottineau	0941	Bottineau	12 48 30	100 27	1940	8A	N.D. Bch. of Frstry	2	3	5
Bowhele	0981	Burke	12 49 48	102 15	1953	8A	Felix L. Adams	2	3	5
Bowman Court House	0982	Bowman	11 48 11	103 23	2890	5P	O. B. Brock	2	3	5
Bowman 11 SE	0988	Bowman	3 48 04	103 19	2810	6P	Bernard L. Donagala	2	3	5
Bowman 30 NW	1001	Slope	1 48 35	103 01	2505	5P	John B. Hanson	3		
Breken	1052	Morton	7 46 24	100 56	1720	MID	Frank E. Potter	2	3	5
Bucabanes	1124	Stutsman	5 47 04	98 49	1572	MID	W. B. Beedrickson	3		
Burl 18 N	1216	Beckham	4 48 10	102 09	1800	8A	Jack Grunberg	2	3	5
Butte	1225	McLean	12 47 30	100 40	1890	8A	Earl R. Ward	2	3	5
Cando	1298	Towner	2 48 29	99 12	1481	MID	Rarry E. Barrie	2	3	5
Carrington	1380	Towner	5 47 27	99 09	1578	7A	300 Line Agent	2	3	5
Carson	1365	Grant	4 48 25	101 34	2300	MID	Vincent Magill	2	3	5
Carson No. 2	1370	Grant	4 48 25	101 34	2310	6P	Wm. D. Drummond	2	3	5
Caveller	1453	Pennington	9 48 48	97 38	899	6P	Willie Hansen Pico	2	3	5
Center	1456	Oliver	9 47 07	101 19	2100	7P	Fred L. Beitz	2	3	5
Colgate	1666	Steele	10 47 14	97 39	1180	6P	John P. Burckill	2	3	5
Columbia	1686	Burke	12 48 34	102 47	1830	6P	J. D. Bicknell	2	3	5
Cooperstown	1796	Griggs	11 47 26	98 07	1429	5P	Deland M. Hareon	2	3	5
Courtesy	1819	Stutsman	5 47 13	88 34	1533	5P	G. B. Senavall	2	3	5
Crosby	1871	Dixie	12 49 54	103 18	1854	5P	Vermon V. Nichols	2	3	5
Dawson	2019	Ridder	4 48 52	99 45	1730	MID	Barney W. Rice	2	3	5
Devile Lake WB City	2182	Stark	4 48 08	98 55	2510	MID	D. B. Weather Bureau	2	3	5
Dickinson CAA AP	2193	Stark	4 48 07	102 48	2598	MID	U.S. Civil Aero Adm.	2	3	5
Dickinson Exp. Station	2198	Stark	4 48 53	102 48	2490	7A	Dickinson Exp. Adm.	2	3	5
Donnybrook	2242	Ward	12 49 31	101 53	1760	6P	Fred E. Feldner	2	3	5
Dreke	2288	McHenry	12 47 21	102 37	2191	6A	Ed. J. Rybo	2	3	5
Dunn Center	2365	Dunn	4 47 21	102 37	2191	6A	Charles C. Neustel	2	3	5
Edman	2472	Bottineau	12 49 39	101 03	1400	7A	300 Line Agent	2	3	5
Edley Exp. Farm	2492	Le Moure	5 48 20	99 42	1568	8A	N.D. Agri. Exp. Sta.	2	3	5
Edwards 1 W	2525	Ramsey	2 48 25	99 29	1520	5P	Mike Davis	2	3	5
Edinburg	2592	Grant	4 48 09	101 48	2895	6P	Ed. J. Rybo	2	3	5
Ellendale	2605	Dickey	5 49 00	98 31	1480	5P	Paul Greer	2	3	5
Enderton	2895	Ramsey	11 48 37	98 36	2004	7A	Leonard Peterson	2	3	5
Erping	2735	Williams	9 48 17	103 23	2254	6P	T. Heaceler	2	3	5
Esmond	2767	Benson	11 48 02	98 46	1850	MID	Lyle O. Fering	3		
Fairfield	2809	Billings	7 47 11	103 13	2750	MID	John Petryczek	3		
Fargo WB Airport	2858	Cass	10 49 54	98 49	895	MID	U.S. Weather Bureau	2	3	5
Fessenden	2868	Walton	4 48 39	97 37	1520	9P	Ed. E. Rust	2	3	5
Fletcher	3008	Morton	1 48 27	101 14	1930	9A	George J. Sinclair	3		
Flatton	3018	Burke	12 48 34	102 23	1940	6P	Palmer W. Dunham	2	3	5
Forbes 13 NW	3064	Dixie	5 48 04	98 38	1898	6P	Theodore A. Wirth	2	3	5
Foran	3117	Sargent	10 48 09	97 39	1248	5P	Art Waterman	2	3	5
Fort Yates	3207	Glouster	4 48 09	100 30	2805	5P	Boil Watergationist	2	3	5
Foxholm 7 N	3217	Ward	12 48 27	101 34	1909	5P	U.S. Wildlife Ref.	2	3	5
Fryburg 1 NE	3277	Hillings	4 48 53	103 18	2742	MID	Elmer Stubblihar	2	3	5
Fullerton	3287	Dixie	3 48 10	98 25	1439	6P	F. O. A. Allen	2	3	5
Gackle	3309	Logan	5 48 38	98 08	1851	6P	Alvin Hummel	2	3	5
Garrison	3378	McLean	8 47 38	101 25	1911	7A	Albert J. Beirle	2	3	5
Glen Ullis	3499	Morton	4 48 49	101 48	2080	MID	Frederick J. Anhorn	2	3	5
Glen Ullis 13 N	3501	Worcester	9 47 00	101 47	2221	6P	Christ Schilling	3		
Golden Valley 10 S	3528	Worcester	9 47 10	102 03	1970	6P	Robert H. Backfisch	2	3	5
Grace City	3533	Poster	5 47 43	98 49	1485	MID	Ida Ronderud	2	3	5
Grass Lake	3594	Walsh	10 48 25	97 25	1275	5P	Grass Lake School	2	3	5
Grand Forks CAA AP	3515	Grand Forks	10 47 59	97 05	832	MID	U.S. Civil Aero Adm.	2	3	5
Grand Forks University	3921	Grand Forks	10 47 55	97 05	860	MID	University of N.D.	2	3	5
Grand Rapids 1 N	3965	Le Moure	5 48 26	98 21	1380	5P	Albert J. Nease	2	3	5
Greco	3976	Chaville	12 48 17	101 35	1825	7P	Oswald Sjolvis	2	3	5
Granville	3988	McHenry	12 48 18	101 31	1504	7P	Fred Roble	2	3	5
Greasy Butte	3998	McKenzie	7 47 24	106 14	2880	MID	Sas Charobenko	3		
Greasy Butte 10 W	3701	McKenzie	7 47 31	103 14	2487	6P	Edel G. Crist	3		
Greene	3738	Williams	9 48 37	103 59	2114	10P	L. D. Nielson	2	3	5
Grey	3838	Borman	5 48 39	103 09	2895	MID	J. R. Crawford	2	3	5
Helliday	3949	Dunn	5 47 21	102 20	2075	6P	Maurice S. Wesen	3		
Hankinson W Station	3909	Ridder	10 49 04	98 54	1099	7A	300 Line Agent	2	3	5
Henneford	3928	Griggs	11 47 19	99 12	1429	MID	Belen Benson	2	3	5
Hennepin	3938	McHenry	12 48 38	99 41	1895	6P	U.S. Customs Office	2	3	5
Hennepin	3983	Towner	9 49 57	98 23	1900	7P	Charles E. Dieber	2	3	5
Harvey	4013	Wells	11 47 48	99 36	1505	6P	Stephen Schroder	3		
Haynes R NE	4073	Adams	1 48 00	102 22	2550	MID	Belen Evans	3		
Hazelton R R Station	4093	Ramona	8 49 28	100 17	1979	MID	V. G. Sbas	2	3	5
Hettinger	4178	Adams	3 48 00	102 38	2090	6P	Fred O. Fortbun	2	3	5
Hettinger 17 N	4199	Adams	1 49 18	102 39	2810	MID	O. J. Gerbracht	2	3	5
Hillboro	4203	Trall	1 49 17	97 04	901	6P	Alfred Jakobs	2	3	5
Holbrook	4243	Wells	8 47 27	98 55	1915	MID	Ruth Buchwitz	2	3	5
Jamestown CAAAP	4413	Stutsman	5 46 55	99 41	1492	MID	U.S. Civil Aero Adm.	2	3	5
Jamestown H. Hospital	4419	Stutsman	8 49 23	99 41	1457	7P	N.D. State Hospital	2	3	5
Neene 2 S	4571	McKenzie	9 47 54	102 58	2349	6P	Kenneth V. Searg	2	3	5
Neenah	4584	Walton	5 47 43	102 03	1885	8A	Theo. R. Roberts	2	3	5
Neenah Wildlife Refuge	4656	Rutland	5 47 19	99 52	1440	5P	D. B. Wildlife Ref.	2	3	5
Nellie 6 NW	4725	Dunn	7 47 29	102 53	2240	6P	Leonard J. Davis	3	7	
Nellie 5 SE	4923	Bottineau	12 49 39	100 37	1457	MID	Paul A. Wretchmar	2	3	5
Niles	4843	Le Moure	5 45 19	98 57	1870	6P	John Strobel	3		
Norfolk Exp. Farm	4959	Caveller	8 48 46	98 26	1850	5P	V. Rurlogerist	2	3	5
Norfolk Exp. Farm	5002	Bottineau	12 49 39	101 22	1500	6P	John Schaefer	3		
Norfolk	5013	Grand Forks	10 47 55	97 38	1134	5P	Bennie Engen	2	3	5
Norfolk	5075	Benson	2 48 17	99 26	1515	6P	John Fager	2	3	5
Norfolk 10 W	5099	Stark	4 48 38	102 21	2845	6P	Joseph Lin	2	3	5
Norfolk	5210	Emmons	4 48 18	100 14	1995	5P	Leonard P. Nelson	2	3	5
Norfolk	5220	Emmons	11 46 26	97 42	1089	5P	J.D. Soldiers Bone	2	3	5
Norfolk	5230	Berme	11 46 39	98 11	1457	6P	William B. Rugh	3		
Norfolk 12 N	5320	Burke	12 48 33	102 24	2250	5P	Loetwood W.L. Ref.	2	3	5
Norfolk Agri. School	5424	Stark	11 47 48	98 39	1604	6P	Benson Cr Agr Sch	2	3	5
Norfolk Exp. Station	5479	Morton	4 48 49	100 54	1750	8A	Mo. G.P. Field Sta.	2	3	5
Norfolk Ft. Lincoln Park	5494	Wooten	8 45 45	100 82	1674	5P	Park Supt.	2	3	5
Norfolk	5519	Dunn	8 47 14	102 45	2219	6P	Donald Jeffers	2	3	5
Norfolk	5573	Blount	7 46 19	103 56	2714	6P	P. S. Grene	2	3	5
Norfolk M.D.U. Co.	5576	Blount	7 46 15	103 58	2716	MID	W. S. Jastine	2	3	5
Norfolk	5610	Berme	11 47 50	100 07	1630	6P	Eirny M. Weesler	3		
Norfolk	5638	McLean	7 47 49	101 19	2993	9A	R. S. Schaefer	2	3	5
Norfolk	5680	Trall	10 47 30	97 19	975	6P	B. A. Regan	2	3	5
Norfolk	5710	Bottineau	5 47 21	102 58	1943	6P	R. L. R. Schielke	2	3	5
Norfolk	5720	Williams	11 46 38	100 06	1995	6P	Theo. R. R. Schielke	2	3	5
Norfolk	5730	Wade	11 47 38	98 39	1509	7P	C. M. Slesky	2	3	5
Norfolk	5784	Holbrook	11 48 24	97 14	1075	7P	J. C. Carlson	2	3	5
Norfolk	5764	McLean	10 47 45	99 10	1457	6P	S. S. Weisfeld	3		
Norfolk 1 W	5789	Rutland	7 45 43	99 19	1795	6P</				

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

- ⊙ Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.
- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- // Gage is equipped with a windshield.
- B Adjusted to a full month.
- C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

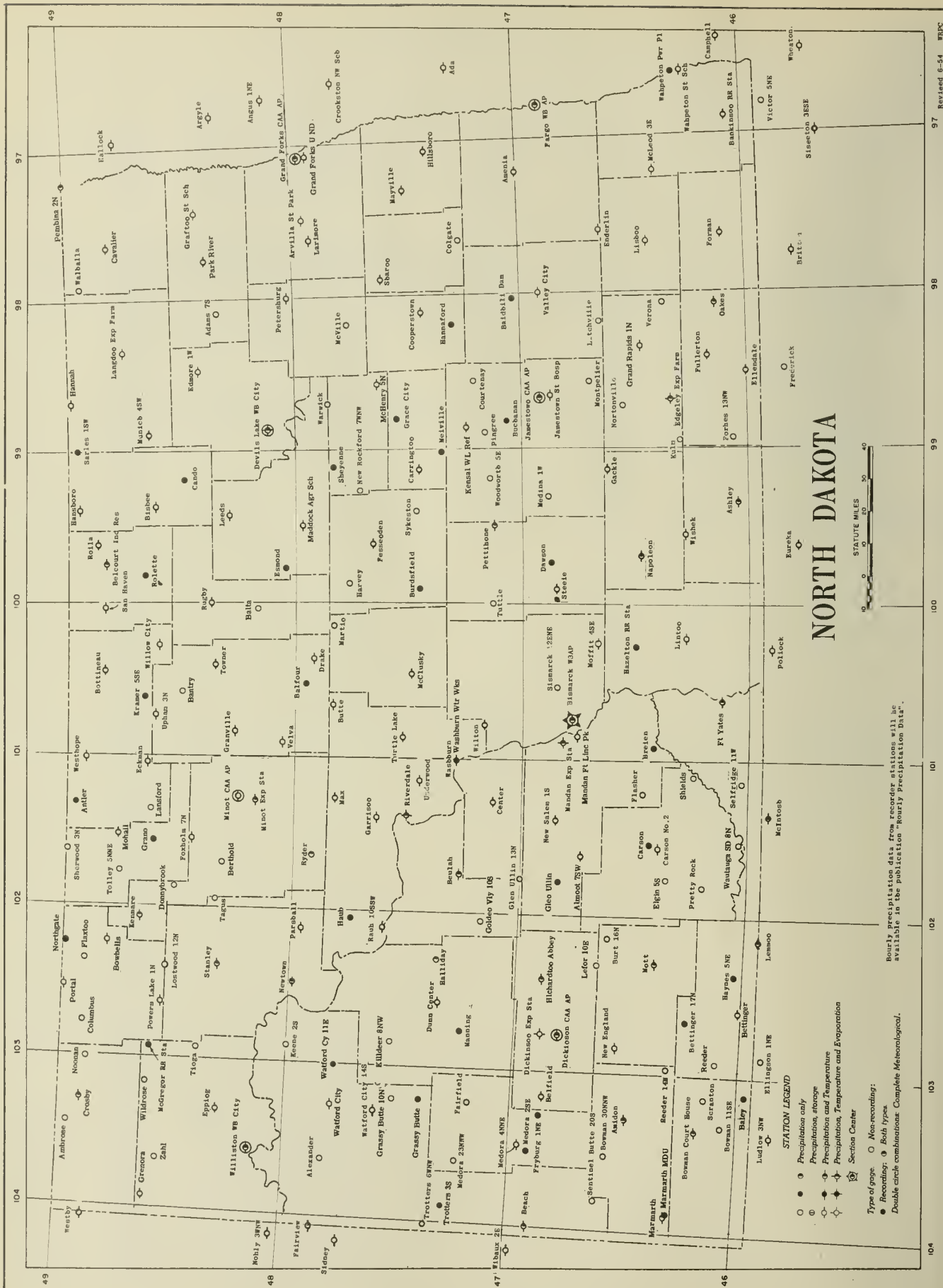
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NWRC, Asheville, N. C. -- 2-16-55 -- 880

CORRECTIONS

May 1954: Grenora, Table 2, total precipitation should be 1.55, departure from normal -0.67, greatest day 0.46 on the 13th, no. of days with .50 or more 0, and 1.00 or more 0.

Grenora, Table 3, precipitation on the 26th should be *, 27th 0.43, and total 1.55.



1.05
VNT
2

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

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UNIVERSITY OF ILLINOIS

ANNUAL SUMMARY 1954

Volume LXIII No. 13



WEATHER SUMMARY

1954 was the third consecutive year with temperatures averaging above normal, and the second consecutive year with above normal precipitation. The weather during most months was ideal for outdoor work and for livestock.

January was an unusually cold month. Temperatures averaged 0.9° below zero or 7.8° below normal. It was the coldest month since January 1950. In sharp contrast, February was the warmest February on record. February temperatures averaged 30.4° or almost 20° above normal and ranged from 27° below zero to 64° above zero. Only three February's had maximums higher than 64° and all February's except three had minimums lower than 27° below zero. March to October averaged near normal in temperature. November and December were warm and pleasant months, averaging 8.3° and 9.2°, respectively, above normal. In general, mean annual temperatures ranged from about 45° along the southern edge of the State to about 38° in the extreme north central. The lowest annual mean was 37.2° at Belcourt and the highest was 45.9° at Fort Yates. Annual mean temperatures were about 2° above normal over the east but, in general, averaged less than 2° above normal over the west. January was, by far, the coldest month over the entire State. July was the warmest month but a few stations recorded their highest temperatures in August and a few in September. The absolute temperature range was from 48° below zero at Pembina on January 21 to 107° at Fort Yates on July 9.

January precipitation averaged 148 per cent of normal. There was heavy snowfall over most of the State with near record amounts at many stations. There were no severe blizzards during the month, however. Snowfall during February was exceptionally light, averaging only 0.9 inch. Only in February 1892 was there less snowfall. The average in February 1892 was 0.7 inch. Several light rains fell in February 1954 and totals averaged about half the February normal. Precipitation during the six-months period, March to August, averaged slightly above normal. September rainfall amounts averaged almost twice the normal. The rains occurred on many days during the first three weeks of September. October rainfall averaged about half the normal, November about one third of normal, and December about one fifth of normal. A few counties in the northwest, and a few in the extreme southwest, the extreme southeast, and along the southern edge of the State received less than sixteen inches of rain during the year. A few counties in the northeast received over twenty six inches. Bowman 11 SE received the least,

11.62 inches; Rolla, the most, 29.23 inches. A number of counties in the southeast received several inches less than their normal precipitation during the year. A few counties in the north central received more than eight inches above normal. The greatest deficiency was at Oakes where the rainfall was 6.04 inches less than the normal. The greatest excess was at Bisbee where the annual rainfall was 11.82 more than the normal.

The weather during 1954 was mostly favorable for farming and stock raising. The spring-like February was especially favorable for stock raisers and their animals came through the month in excellent condition. The rains in September caused some delay in the harvest except in the southwest part of the State. Stem rust caused some deterioration and the wet weather caused some discoloration, loss of weight, and sprouting of grain in the swath in the north central sections. Frost on September 21 damaged flax, corn and gardens. October weather favored the harvest of small grain and flax, potato digging and sugar beet lifting. The weather continued excellent for outdoor work and for livestock to the end of the year. Considerable plowing was done, and near record crop of sugar beets harvested. Livestock were in good condition.

STORMS

Heavy snow occurred with high winds on March 11th and 12th blocking many roads and forcing many motorists to abandon their cars. The storm was centered in the vicinity of Dickinson. Property damage was small but there was much inconvenience to the persons involved. On June 7th and 8th, the eastern half of North Dakota suffered from strong winds. Winds estimated at 60 to 80 miles per hour continued for several hours. Gusts at Fargo reached 95 miles per hour. A tornado caused \$10,000 damage in Wells County on July 6. Hail damaged crops, windshields, and buildings in the western part of the State on the afternoon of the 14th. Some hail stones were as large as chicken eggs. The hail accumulated to two to three inches in depth at some places and remained for twelve to eighteen hours after the thunderstorm had passed. Freezing rain, sleet, and snow during the last few days of November stopped most outdoor activity except in the cities, and made streets and roads hazardous. Fog covered an area west of Minot and Bismarck on December 6. The cold winds caused some freezing on telephone poles and wires. Strong winds and the ice on the wires caused some poles and many wires to become broken.

Lucius W. Dye

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

NORTH DAKOTA
1954

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
ALMONT 7 SW	5.0	-0.6	35.6	-0.6	23.4	40.6	-1.5	52.6	-1.0	61.6	-0.8	73.1	-1.1	68.3	-1.2	57.1	-0.4	45.0	-1.4	38.1	-0.8	27.5	-0.8	44.0	-2.9	
AMENIA	0.6	-5.6	28.9	-18.3	19.8	26.2	-7.7	38.1	-3.3	50.1	-3.4	59.1	-0.7	72.2	1.8	66.3	-1.9	56.2	-2.2	44.4	-1.0	39.5	-8.8	28.4	9.3	
ARVILLA STATE PARK	3.2	-7.8	27.2	-24.2	24.2	39.6	-7.7	49.8	-3.8	63.3	-0.9	71.7	2.0	67.6	0.4	57.6	-0.3	-	-	36.8	8.8	23.4	8.6	-	-	
ASHLEY	3.1	-5.6	33.8	-22.4	25.3	0.4	42.2	-0.2	50.4	-3.8	62.3	-0.9	71.7	2.0	67.6	0.4	57.6	-0.3	-	-	36.8	8.8	23.4	8.6	-	-
BEACH	6.8	-5.3	34.5	18.5	20.9	-6.7	37.8	-4.4	49.6	-3.4	58.8	-3.8	71.2	1.3	66.5	-0.7	54.9	-2.5	44.2	-0.3	37.7	7.0	26.6	8.2		
BELCOURT INDIAN RES	5.7	-7.9	25.6	18.7	20.9	-6.7	37.8	-4.4	49.6	-3.4	58.8	-3.8	71.2	1.3	66.5	-0.7	54.9	-2.5	44.2	-0.3	37.7	7.0	26.6	8.2		
BELFIELD	6.4	-7.9	35.4	20.0	21.9	-5.6	38.7	-3.4	49.5	-3.6	59.1	-2.6	71.0	1.0	66.3	-1.7	54.8	-3.2	43.2	-2.5	37.4	8.0	26.6	6.8		
BEULAH	6.0	-7.8	24.8	18.2	22.6	-0.1	36.2	-4.5	48.3	-4.4	61.1	-1.0	68.2	0.8	64.7	-1.0	53.3	-3.4	42.4	-1.4	33.2	6.8	22.2	12.5		
BISBEE	0.6	-8.6	33.9	21.2	23.9	-2.8	40.6	-2.5	51.8	-3.0	62.6	-1.7	72.5	0.4	68.2	-1.1	56.8	-1.7	44.6	-1.1	36.4	8.8	24.9	9.4		
BISMARCK WB AP	0.6	-8.6	33.9	21.2	23.9	-2.8	40.6	-2.5	51.8	-3.0	62.6	-1.7	72.5	0.4	68.2	-1.1	56.8	-1.7	44.6	-1.1	36.4	8.8	24.9	9.4		
BOTTINEAU	8.0	-9.4	23.2	18.3	19.7	-1.1	34.6	-4.4	47.5	-4.8	59.0	-2.8	67.0	-0.6	63.1	-1.8	52.8	-2.7	41.1	-0.3	32.0	7.4	20.9	12.6		
BOHNBILLS	5.1	-9.0	27.6	19.9	20.1	-1.4	35.1	-4.2	46.5	-5.9	58.3	-3.5	66.4	-1.1	63.7	-1.1	53.0	-1.6	41.2	-0.6	34.0	8.8	22.6	9.7		
BUMMAN COURT HOUSE	10.6	-4.0	33.1	14.9	21.3	-5.0	41.1	-1.4	51.5	-2.1	60.6	-2.8	73.5	2.6	68.2	-1.0	56.6	-1.2	43.2	-1.0	39.2	8.7	28.3	10.7		
BUTTE	4.9	-5.1	26.5	19.7	22.4	-1.3	37.4	-1.9	48.6	-4.8	61.7	-0.6	68.4	0.9	63.6	-1.2	53.1	-2.8	43.8	-0.4	34.8	8.9	23.4	8.0		
CARRINGTON	3.4	-10.1	27.7	18.8	21.6	-2.1	-	-	49.6	-3.5	60.7	-2.7	68.6	-0.8	65.6	-1.5	53.7	-3.2	-	-	32.2	4.9	-	-		
CARRON NO 2	3.6	-6.5	36.0	21.5	22.4	-0.6	40.7	-1.8	51.4	-3.1	61.4	-2.7	73.3	2.5	68.5	-0.1	56.8	-1.3	44.2	-0.3	37.8	8.9	29.2	12.6		
CAVALIER	4.3	-5.7	26.7	20.6	24.1	-1.3	37.9	-1.3	50.0	-3.0	63.5	-0.9	70.0	1.0	65.0	-0.3	55.5	-2.1	45.0	-2.0	33.4	8.7	20.2	9.7		
CENTER	0.6	-9.2	33.6	21.1	22.7	-3.8	39.0	-3.8	50.4	-4.1	60.6	-3.1	69.7	-1.3	66.1	-1.9	55.1	-3.0	43.4	-1.9	36.2	7.7	24.9	8.5		
COOPERSTOWN	1.5	-5.8	29.7	21.9	24.1	-0.2	40.8	-0.5	50.4	-3.8	63.0	-0.2	70.8	1.2	66.8	-0.6	55.9	-1.8	44.5	-0.2	33.5	6.2	20.4	7.4		
CROSBY	6.3	-10.7	28.1	18.6	20.6	-3.2	34.9	-5.0	48.0	-4.3	56.9	-4.8	67.9	0.0	65.0	-0.0	53.6	-1.2	43.8	-1.6	36.3	9.8	23.3	10.4		
DEVILS LAKE WB CITY	5.1	-9.9	25.8	17.1	22.5	-0.1	37.5	-2.5	48.7	-4.3	61.4	-1.0	67.9	0.2	65.0	-1.8	54.0	-2.3	43.4	-0.5	33.4	8.3	21.0	9.8		
DICKINSON CAA AP	5.5	-5.1	34.8	22.0	20.3	-5.2	37.7	-4.1	50.5	-2.2	59.2	-2.9	71.8	2.8	67.0	-0.5	55.1	-1.3	43.9	-0.1	37.9	9.7	28.0	11.2		
DICKINSON EXP STATION	4.5	-6.1	34.7	21.9	20.3	-5.2	38.0	-3.8	50.4	-2.3	59.2	-2.3	71.8	2.8	66.4	-0.1	56.2	-0.2	43.7	-0.1	37.5	9.3	20.5	9.7		
ORAKE	3.9	-4.9	28.1	17.7	21.6	-3.1	37.4	-3.0	49.1	-5.6	60.9	-2.9	69.1	-2.5	65.5	-2.1	54.8	-2.8	43.5	-0.4	34.8	8.9	23.4	8.0		
DUNN CENTER	0.1	-12.1	32.5	18.4	19.4	-6.6	36.3	-5.2	48.6	-6.2	58.8	-3.7	69.3	-0.3	64.9	-1.5	54.3	-2.2	43.0	-0.9	35.7	7.8	24.6	6.6		
ECKMAN	8.0	-11.1	23.8	16.3	19.7	-3.3	33.6	-6.8	47.7	-4.9	59.4	-2.6	67.8	-0.2	63.7	-1.4	53.1	-2.6	41.6	-0.6	32.6	7.2	22.3	12.0		
EDLEY EXP FARM	0.3	-8.5	31.8	19.0	24.1	-3.2	41.2	-1.6	49.5	-4.6	62.3	-1.3	70.3	0.4	67.5	-0.2	57.0	-1.3	43.9	-1.7	35.5	6.2	22.4	7.4		
EDMORE 1 W	4.9	-5.1	26.5	19.7	22.4	-1.3	37.4	-1.9	48.6	-4.8	61.7	-0.6	68.4	0.9	63.6	-1.2	53.0	-3.4	42.8	-0.3	32.1	7.5	19.9	9.4		
ELBOWOODS	0.2	-8.4	33.6	21.5	23.1	-3.1	39.8	-3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ELLENDALE	3.7	-6.3	34.4	21.3	27.0	-0.2	44.1	-1.4	52.3	-3.6	64.6	-0.2	74.2	3.3	69.7	-1.0	59.4	-2.6	45.6	-0.3	37.7	9.3	22.9	6.6		
ENDERLIN	0.6	-5.3	31.3	19.3	22.5	-0.4	36.8	-1.4	50.3	-4.7	59.8	-3.3	70.1	0.3	66.7	-0.8	54.2	-2.5	43.7	-1.6	37.3	11.0	20.5	9.3		
EPING	7.5	-12.7	31.7	19.3	22.6	-0.6	39.4	-0.9	50.4	-4.6	65.3	-0.7	71.8	0.5	68.8	-0.3	57.0	-1.9	44.7	-1.4	34.5	6.9	19.7	6.8		
FARGO WB AP	1.4	-8.5	26.5	15.7	25.5	-0.2	41.2	-0.9	50.4	-4.6	65.3	-0.7	71.8	0.5	68.8	-0.3	57.0	-1.9	44.7	-1.4	34.5	6.9	19.7	6.8		
FESSENDEN	2.8	-7.5	29.3	19.6	23.1	-0.6	39.4	-0.9	50.4	-4.6	65.3	-0.7	71.8	0.5	68.8	-0.3	57.0	-1.9	44.7	-1.4	34.5	6.9	19.7	6.8		
FORMAN	0.8	-6.8	31.6	19.7	27.0	-1.0	44.1	-0.1	51.6	-4.1	65.2	-0.2	73.2	3.1	69.5	-1.3	59.2	-0.3	46.4	-0.4	37.5	8.9	21.2	5.9		
FORT YATES	7.1	-2.5	37.6	25.0	28.4	-0.6	44.2	-0.6	54.0	-2.7	64.9	-1.7	74.0	1.3	68.8	-0.9	60.0	-0.2	46.0	-0.7	39.2	9.2	26.9	7.7		
FORKHOLM 7 N	2.7	-9.5	31.0	19.0	23.1	-2.3	38.0	-2.8	49.5	-4.7	61.5	-0.4	69.2	-0.5	66.3	-0.3	55.0	-1.2	45.2	-2.3	36.3	10.0	25.4	11.2		
GALETON	3.1	-6.0	33.7	21.3	26.5	-0.6	43.1	-0.4	52.0	-2.8	64.4	-0.2	72.9	2.7	69.9	-1.9	58.3	-0.3	45.5	-0.2	37.0	8.0	22.6	7.4		
GACKLE	1.3	-9.0	31.5	19.0	24.2	-2.1	40.9	-2.2	51.4	-2.9	62.6	-1.3	71.7	1.7	67.8	-0.1	55.7	-2.1	44.6	-0.8	36.0	8.6	22.7	8.2		
GARRISON	1.9	-9.8	29.8	18.7	21.5	-2.9	36.8	-5.3	49.4	-6.2	59.0	-3.3	70.2	1.0	65.8	-0.8	56.8	-0.9	44.1	-0.8	35.5	9.0	25.2	10.8		
GRAFTON	6.3	-8.0	25.7	18.4	24.5	-2.8	38.9	-1.7	50.4	-3.7	62.8	-0.9	69.8	1.0	66.3	-0.1	56.2	-0.8	45.9	-2.1	34.1	9.1	19.2	8.5		
GRAND FORKS CAA AP	3.9	-7.5	25.2	17.5	23.7	-1.2	38.5	-2.8	49.2	-5.0	63.5	-0.1	70.2	1.7	65.9	-0.1	55.5	-1.4	43.6	-0.1	32.4	6.6	17.5	8.5		
GRAND FORKS UNIVERSITY	3.2	-6.8	26.6	18.7	20.6	-2.9	40.5	-0.8	50.8	-3.4	64.1	-0.7	70.1	1.6	67.1	-0.3	56.7	-0.2	43.8	-1.1	33.7	8.1	19.2	8.2		
GRAND RAPIDS 1 N	1.2	-	32.3	20.3	26.3	-	42.5	-	51.5	-	64.8	-	72.6	-	68.8	-	58.2	-	45.9	-	36.2	-	22.5	-		
GRANVILLE	2.8	-7.9	28.8	18.8	24.3	-0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GRENDORA	0.4	-5.3	31.3	19.3	22.5	-0.4	36.8	-1.4	50.3	-4.7	59.8	-3.3	70.1	0.3	66.7	-0.8	54.2	-2.5	43.7	-1.6	37.3	11.0	20.5	9.3		
HANKINS R R STATION	0.7																									

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

NORTH DAKOTA
1954

Table 1-Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
WARRETON STATE SCHOOL	1.3	- 7.4	28.6	16.2	27.6	- 0.0	44.4	- 0.2	52.3	- 4.0	66.8	- 1.0	73.8	- 2.9	69.9	- 1.2	59.2	- 0.8	46.8M	- 0.2	37.1	8.1	21.7	5.9	44.1	1.9
WASHBURN	1.5	- 6.7	34.3	23.6	24.9M	- 0.6	41.5	- 1.8	52.8	- 2.5	62.8	- 2.1	71.9	0.7	67.6	- 0.5	56.7M	- 2.6	45.7M	0.7	37.3M	7.9	25.4	9.9	43.6	2.2
WATFORD CITY	1.6	- 8.4	34.1	20.4	23.2	- 3.0	39.0	- 2.4	51.2	- 3.3	60.2	- 2.9	71.9M	0.8	67.2	- 1.1	55.1	- 2.6	44.7	0.5	38.7	10.2	26.4	11.1	42.7	1.5
WATFORD CITY 14 S	4.0	- 35.9M		23.8M	41.2		52.2		61.7		72.8M		68.2M		56.9M		45.5M		40.4M		28.1		22.1M		44.2	
WESTHOPE	7.4	- 9.5	23.8	16.1	30.8	- 1.7	35.3	- 4.6	48.3	- 4.8	59.2	- 3.5	67.4	- 0.5	64.3	- 1.2	52.3	- 3.3	41.9	- 0.7	33.3	8.2	22.1M	11.9	38.5	0.6
WILLISTON NB CITY	0.6	-10.6	32.8	19.3	22.6	- 3.9	38.0	- 4.9	51.2	- 3.4	60.0	- 3.0	71.6	0.7	67.2	- 0.9	54.7	- 2.5	45.3	- 0.2	39.0	10.7	27.0	11.3	42.4	1.1
WILLOW CITY	7.9	- 9.0	23.8	18.7	20.2M	0.1	36.6	- 3.0	48.4	- 3.8	60.4	- 0.9	69.5	2.9	64.4	0.2	53.6	- 1.1	42.3	0.8	33.6	10.9	21.1	11.9	38.8	2.3
WILTON	1.4	- 9.4	30.4	20.1	21.3	- 3.7	39.8M	- 2.4	50.9	- 3.0	60.8M	2.0	69.8	- 0.6	66.1	- 1.6	55.0	- 2.3	43.6	- 1.3	-	-	24.0M	9.2	-	-
WISHEK	0.5	- 7.8	31.4	21.2	21.9M	- 4.2	40.4	- 1.1	50.1M	- 3.1	62.3M	- 1.3	70.9M	0.5	66.8M	- 0.2	56.6M	- 0.6	44.1M	0.1	37.2M	8.8	-	-	-	-
SECTION AVERAGE	- 0.9	- 7.8	30.4	19.9	23.0	- 1.7	39.1	- 2.2	50.0	- 3.9	61.4	- 1.7	70.4	0.8	66.4	- 0.6	55.4	- 1.7	44.0	0.0	35.7	8.3	23.2	9.2	41.5	1.5

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

NORTH OAKOTA
1954

Table 2

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
ADAMS 7 S	1.06		0.47		0.65		1.64		3.00		3.26		3.05		2.82		3.95		0.54		0.50		0.18		21.12	
ALEXANDER	1.04		0.52		1.72		0.98		1.12		2.39		2.30		2.75		3.50		0.54		0.13		0.12		17.11	
ALMONT 7 SW	0.34		0.21		0.06		0.06		0.06		2.04		2.45		2.45		1.73		0.74		0.05		0.05		17.76	
AMROSE	0.66		0.21		0.24		1.20		1.99		3.17		1.58		2.38		5.07		0.78		0.12		0.01		E17.41	
AMENIA	0.52	0.01	0.02	0.57	0.80	0.04	1.25	0.50	1.21	1.59	2.72	0.87	2.31	0.38	1.94	0.60	2.54	0.64	0.32	1.03	0.18	0.50	0.18	0.34	13.99	5.71
AMIDON	0.41	0.02	0.36	0.11	1.31	0.56	0.82	0.50	0.96	1.38	3.30	0.18	2.37	0.23	5.98	4.43	0.61	0.86	0.99	0.02	0.02	0.39	0.10	0.29	17.23	1.51
ARVILLA STATE PARK	1.04		0.10		0.54		1.89		1.86		2.47		2.15		2.72		2.35		0.44		0.55		0.13		16.24	
ASHLEY	0.57	0.13	0.03	0.42	0.73	0.10	0.96	0.65	2.08	0.32	4.62	1.20	2.23	0.43	1.44	1.00	2.51	1.04	0.75	0.31	0.03	0.52	0.09	0.41	E16.04	1.79
BALTA	1.12		0.33		0.70		1.64		1.95		12.91		1.95		2.31		4.12		0.70		0.34		0.06		28.13	
BANTRY	0.83		T		0.91		1.82		1.41		8.59		0.96		2.78		3.65		0.83		0.23		0.14		21.75	
BEACH	0.57	0.11	0.52	0.12	1.55	0.80	0.83	0.35	0.98	1.28	4.70	1.11	1.77	0.03	3.41	1.81	1.71	0.44	0.99	0.09	0.26	0.20	0.14	0.33	17.43	2.29
BELCOURT INDIAN RES	0.53		0.15		0.48		1.96		3.23		13.97		1.30		2.14		3.62		0.65		0.35		0.03		28.41	
BEHLFELD	0.44	0.02	1.20	0.75	2.09	1.28	1.04	0.25	1.60	0.75	3.97	0.55	0.92	1.30	4.71	2.90	1.44	1.00	1.09	0.12	0.21	0.27	0.21	0.27	18.92	2.84
BERTHOLD	1.02		0.13		0.90		1.58		2.13		4.37		0.80		1.35		3.73		0.56		0.12		0.12		18.44	
REULAM	0.36	0.06	0.30	0.04	0.86	0.27	0.55	0.46	2.28	0.06	4.26	0.46	0.87	1.41	4.02	2.19	2.10	0.55	0.18	0.64	0.01	0.35	0.01	0.40	15.80	0.17
RISBEE	0.74	0.29	0.15	0.21	0.39	0.32	1.60	0.41	1.98	0.17	13.23	9.87	3.36	0.66	3.53	1.18	2.92	1.23	0.61	0.38	0.16	0.31	T	0.43	28.67	11.82
RISHARCK WB AP	0.52	0.16	0.12	0.31	0.89	0.13	0.56	0.83	2.01	0.07	3.64	0.31	2.51	1.62	2.68	1.18	2.69	1.26	0.41	0.59	0.09	0.44	0.06	0.34	17.52	2.22
RISHARCK 12 ENE	0.51		0.18		0.67		0.81		2.48		3.57		2.57		2.50		3.24		0.33		0.04		0.02		16.69	
ROTTINEAU	0.66	0.25	0.06	0.30	0.23	0.44	1.45	0.61	2.19	0.14	10.44	7.25	0.81	1.58	2.86	0.41	3.51	1.92	0.80	0.17	0.24	0.23	0.04	0.43	23.29	7.43
ROWBELLS	1.07	0.57	0.26	0.16	0.53	0.04	1.10	0.04	1.93	0.35	4.45	1.21	1.13	1.10	1.42	0.56	3.97	2.56	0.83	0.02	0.19	0.27	0.03	0.35	16.91	1.53
ROWMAN COURT HOUSE	0.26	0.18	0.31	0.13	1.53	0.85	0.43	0.80	1.33	0.99	3.33	0.22	1.75	0.33	2.97	1.23	0.77	0.50	0.79	0.09	0.09	0.29	0.03	0.32	13.59	1.33
ROWMAN 11 SE	0.19		0.41		1.25		0.48		1.14		2.45		2.03		3.07		0.16		0.34		0.07		0.03		11.62	
ROWMAN 30 NW	0.19		0.39		2.03		0.37		0.89		1.92		2.01		2.47		0.68		0.73		T		0.10		11.98	
RURT 16 N	0.17		0.59		1.22		0.52		1.89		3.38		2.08		2.62		1.24		0.66		0.03		0.03		14.23	
BUTTE	0.53	0.17	0.26	0.27	0.44	0.38	0.82	0.48	1.49	0.99	7.02	3.62	1.51	1.22	2.11	0.17	3.73	2.25	0.32	0.65	0.12	0.48	0.12	0.37	18.47	1.37
CARRINGTON	1.05	0.63	0.20	0.28	0.80	0.11	1.11	0.22	4.42	1.93	6.85	3.40	3.17	0.56	1.86	0.21	3.72	2.30	0.50	0.53	0.28	0.27	T	0.41	E23.96	7.01
CARSON NO 2	0.32	0.04	0.43	0.05	1.26	0.40	0.41	0.94	2.84	0.44	2.30	1.18	0.63	0.64	3.21	1.55	1.65	0.21	0.77	0.14	0.12	0.45	T	0.48	15.94	0.04
CAVALIER	1.29	0.62	0.45	0.06	0.43	0.33	2.83	1.44	3.05	0.79	2.88	0.22	0.60	0.58	2.88	0.37	4.75	2.43	0.41	0.88	0.44	0.30	0.07	0.62	21.52	2.66
CENTER	0.65	0.26	0.07	0.05	1.30	0.57	0.56	0.65	1.56	0.71	3.19	0.25	2.62	0.20	2.33	0.62	3.73	2.37	0.77	0.44	0.25	0.26	0.05	0.37	17.30	1.37
COLGATE	0.27	0.21	0.10	0.39	0.53	0.27	1.20	0.46	1.71	0.99	2.88	0.60	1.44	1.09	1.77	0.51	2.42	0.59	0.12	0.99	0.30	0.37	0.11	0.42	13.05	5.71
COLUMBUS	0.47		0.20		0.41		0.66		1.48		4.81		1.63		1.90		4.32		1.07		0.34		0.05		17.34	
COOPERSTOWN	0.64	0.13	T	0.52	0.94	0.09	1.22	0.17	1.87	0.25	3.80	0.53	1.14	1.45	3.19	0.78	2.09	0.44	0.07	0.62	0.02	0.09	0.09	0.49	17.07	1.12
COURTENAY	0.77	0.16	0.05	0.53	0.94	0.10	0.91	0.52	2.44	0.01	4.91	1.71	2.89	0.27	2.77	0.37	2.87	1.03	0.35	0.80	0.10	0.47	T	0.67	E19.00	0.66
CROSBY	0.73	0.33E	0.27	0.09	0.23	0.45	0.94	0.01	1.57	0.40	2.95	0.21	1.83	0.25	1.89	0.07	4.39	3.15	1.07	0.24	0.18	0.38	0.05	0.45	E16.10	1.57
DEVILS LAKE WB CTY R	1.31	0.91	0.26	0.15	0.52	0.21	1.37	0.07	3.17	1.04	8.55	5.37	0.97	1.70	1.68	0.49	3.66	1.59	0.47	0.79	0.37	0.30	0.04	0.44	22.37	4.76
DICKINSON CAA AP	0.39	0.03	0.64	0.21	2.23	1.53	0.91	0.29	1.43	0.90	3.02	0.50	0.91	1.30	3.55	3.71	0.53	0.77	0.69	0.22	0.12	0.36	0.19	0.27	16.61	0.81
DICKINSON EXP STATION	0.46	0.04	0.86	0.43	1.31	0.61	0.49	0.71	1.67	0.66	2.84	0.68	0.59	1.62	6.82	4.98	0.66	0.64	0.39	0.52	0.11	0.37	0.13	0.33	16.33	0.53
DOHNBROOK	0.50		0.14		0.72		1.25		2.21		2.03		0.44		2.23		4.62		0.16		0.14		0.03		17.74	
ORAKE	0.90	0.51	0.18	0.29	0.68	0.02	1.19	0.02	2.51	0.43	8.77	5.61	2.66	0.36	2.09	0.07	4.04	2.61	0.46	0.58	0.21	0.33	0.04	0.37	23.73	8.02
RUHN CENTER	0.73	0.37	0.47	0.01	1.24	0.49	0.77	0.49	1.34	1.00	4.48	0.78	1.30	1.03	2.53	0.87	2.78	1.38	0.80	0.03	0.09	0.33	0.08	0.33	18.61	0.67
ECKMAN	0.84	0.48	0.04	0.33	0.72	0.16	1.35	0.44	1.90	0.08	8.65	5.67	0.63	1.73	2.60	0.72	5.08	3.58	0.60	0.24	0.15	0.34	0.05	0.42	22.61	7.91
EDGELEY EXP FARM	0.33	0.16	T	0.48	1.04	0.21	1.16	0.59	1.88	0.68	7.95	4.28	0.71	0.14	2.30	0.05	3.11	1.45	0.63	0.39	0.06	0.46	0.17	0.32	21.34	2.95
EDMORE 1 W	1.36	0.87	0.29	0.12	0.22	0.47	1.83	0.57	3.02	1.16	4.47	1.36	2.25	0.59	2.89	0.56	3.97	2.12	0.71	0.27	0.34	0.28	T	0.54	21.35	4.37
ELWOODS	0.33	0.00	0.27	0.31	1.06		1.15		2.31		3.17		2.52		2.27		1.15	</								

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

NORTH DAKOTA
1954

Table 2—Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
MEADORA 4 NNE	0.20		0.58		1.58		0.54		1.44		5.02		1.09		3.81		1.90		0.62		0.09		0.11		16.98	
MEADORA 23 NW	0.36		0.70		0.98		0.55		1.14		6.68		1.77		3.77		2.01		0.67		0.20		0.02		18.85	
MINOT CAA AP	0.81	0.44	0.13	0.30	0.93	0.32	1.52	0.30	1.64	0.52	6.50	3.39	0.85	1.20	3.77	0.70	5.72	4.12	0.27	0.64	0.11	0.55	0.18	0.28	21.28	5.78
MINOT EXP STATION	1.00		0.10		0.90		2.04		1.31		4.73		0.46		2.57		6.19		0.40		0.08		0.08		19.86	
MOFFIT 4 SE	0.41		0.04		0.54		2.50		3.50		6.53		3.78		2.24		3.42		0.70		0.21		0.04		22.00	
MOHALL	0.81	0.47	0.15	0.20	0.51	0.20	1.74	0.78	2.78	0.80	6.21	3.28	0.82	1.63	1.64	0.27	4.54	2.98	0.68	0.36	0.03	0.51	0.04	0.38	19.95	4.76
MONTPELIER	0.30		0.05		0.91		1.33		2.61		6.54		6.69		1.88		2.96		0.39		0.17		0.12		23.95	
MOTT	0.28	0.21	0.37	0.11	0.86	0.00	0.75	0.47	2.10	0.16	3.57	0.32	1.93	0.20	3.70	1.94	1.22	0.15	0.75	0.08	0.05	0.41E	0.10	0.38	E15.68	0.09
MUNICH 4 SW	0.99		0.11		0.46		1.68		3.02		9.63		2.95		4.29		4.01		0.46		0.22		0.02		27.84	
NAPOLEON	0.47	0.06	0.02	0.39	0.79	0.08	0.93	0.58	3.81	1.37	3.98	0.62	4.85	2.34	1.47	0.73	2.58	1.12	0.49	0.60	0.17	0.41	0.06	0.39	19.62	2.33
NEW ENGLAND	0.29	0.17	0.49	0.00	1.50	0.69	0.55	0.65	1.72	0.45	2.67	0.49	2.53	0.40	3.52	1.94	0.71	0.66	0.19	0.60	0.04	0.41	0.08	0.32	14.29	0.72
NEW ROCKFORD 7 NW	0.72		0.15		0.78		1.53		2.61		6.10		2.03		2.82		3.22		T		0.26		T		20.22	
NEW SALEM 1 S	0.39	0.05	0.37	0.07	1.28	0.58	0.43	0.72	1.48	0.92	3.91	0.46	1.86	0.31	3.79	2.06	2.37	1.06	0.42	0.43	0.09	0.39	0.08	0.43	16.47	0.84
NEWTOWN	0.62	0.14	0.25	0.20	0.60	0.02	1.37	0.25	1.63	0.32	3.38	0.01	1.08	0.94	2.17	0.57	4.77	3.43	0.10	0.67	0.20	0.33	0.07	0.38	16.24	1.58
NOONAN	1.02		0.17		0.54		0.87		1.59		3.18		1.22		1.88		4.03		1.13		0.31		T		15.94	
NORTONVILLE	E 0.41		0.00		0.89		1.16		1.68		6.28		4.29		2.75		3.52		0.72		T		0.15		E21.85	
OAKES	0.61	0.14	0.10	0.36	1.41	0.61	1.25	0.62	1.69	1.02	1.40	2.24	2.29	0.56	0.88	1.79	2.41	0.65	0.94	0.37	0.13	0.43	0.45	0.05	13.56	6.04
PARK RIVER	0.87	0.38	0.31	0.11	0.50	0.16	1.67	0.35	2.76	0.82	2.98	0.28	2.85	0.24	0.63	0.33	3.89	1.74	0.26	0.92	0.42	0.21E	0.05	0.46	E19.19	1.72
PARSHALL	0.79	0.45	0.18	0.21	0.43	0.09	1.07	0.00	2.28	0.11	3.33	0.16	1.15	1.07	2.07	0.23	6.56	5.07	0.51	0.24	0.10	0.29	0.07	0.34	18.60	3.46
PEMBINA 2 N	E 1.23	0.60	0.44	0.18	0.30	0.46	2.14	0.88	2.61	0.42	3.94	0.75	1.43	0.98	3.44	1.15	3.37	1.19	0.41	0.79	0.79	0.04	0.06	0.56	E20.20	2.06
PETERSBURG	1.18	0.74	0.24	0.26	0.65	0.08	1.47	0.08	2.44	0.00	3.40	0.10	1.12	1.84	3.49	1.13	3.08	1.11	0.54	0.63	0.73	0.09	0.03	0.45	18.37	0.21
PETITBONE	0.54	0.16	0.05	0.34	0.74	0.11	1.03	0.13	2.67	0.41	4.05	0.94	2.78	0.04	1.07	1.08	3.64	2.30	0.57	0.42	0.28	0.25	T	0.44	17.42	1.30
PINGREE	0.69		0.10		0.62		1.46		2.07		5.87		3.75		2.53		2.64		0.44		E 0.21		0.08		E20.46	
PORTAL	0.84	0.44	0.15	0.23	0.40	0.21	0.53	0.41	1.90	0.17	5.67	2.58	1.64	0.43	1.64	0.32	4.19	2.73	0.98	0.14	0.11	0.41	0.02	0.43	18.07	3.28
POWERS LAKE 1 N	E 0.46	0.06	0.17	0.28	0.30	0.40	0.68	0.46	1.55	0.60	3.12	0.17	1.31	0.96	3.17	1.49	4.19	2.90	0.57	0.48	0.19	0.30	0.02	0.52	E15.73	0.16
PRETTY ROCK	0.18		0.18		1.41		0.32		2.35		3.72		2.81		3.43		1.45		0.55		0.02		0.11		16.53	
RAUB 10 SSW									1.42	0.77	2.25	1.43	0.73	1.68	2.06	0.22	2.41	0.92	0.35	0.45	0.02	0.38	0.03	0.37		
REEFER	0.14		0.30		1.30		0.55		2.19		2.79		2.15		3.47		0.30		0.30		T		0.00		13.49	
REEFER 14 N	0.12		0.10		0.98		0.53		2.02		4.13		1.42		2.38		0.42		0.34		0.04		0.01		12.49	
RICHARDTON ABBEY	0.43	0.05	0.80	0.39	1.89	1.17	0.47	0.75	1.95	0.51	3.16	0.31	0.91	1.55	4.28	2.44	0.92	0.40	0.73	0.06	0.19	0.33	0.07	0.35	15.80	0.21
RIVERDALE	1.04		0.12		0.78		0.85		2.91		6.55		1.00		2.20		3.49		0.32		0.13		0.02		19.41	
ROLLA	1.00	0.47	0.16	0.31	0.91	0.01	2.18	0.97	3.12	1.00	13.12	9.72	1.59	1.09	2.50	0.01	3.28	1.53	0.88	0.09	0.49	0.06	T	0.49	29.23	11.67
RUGBY	1.67	1.24	0.21	0.24	0.70	0.01	1.31	0.32	1.82	0.15	10.37	7.27	1.39	1.29	2.73	0.73	3.09	1.41	0.45	0.44	0.24	0.28	0.07	0.40	24.05	8.18
RYDER	0.37	0.04	0.20	0.28	0.44	0.10	1.11	0.00	1.82	0.27	6.38	3.27	1.70	0.53	2.32	0.25	3.87	2.35	0.44	0.36	0.18	0.35	0.07	0.39	18.90	3.63
SAN HAVEN	0.79	0.36	0.06	0.36	0.35	0.27	1.73	0.89	3.06	1.19	11.13	8.12	1.23	1.44	2.09	0.27	3.31	1.64	0.71	0.15	0.24	0.26	0.04	0.39	24.74	9.06
SCRANTON	0.32		0.46		1.54		0.33		1.41		3.13		3.50		3.97		0.56		0.35		0.02		T		15.59	
SELFRIEGE 11 W	0.69	0.26	0.50	0.03E	1.04	0.18	0.40	1.04	2.57	0.45	3.81	0.11	1.94	0.00	1.59	0.28	1.28	0.20	0.16	0.21	0.67	0.21	0.26	0.14	E15.87	0.21
SENTINEL BUTTE 20 S	0.20		0.58		1.00		0.24		1.09		2.52		1.26		2.79		1.17		0.97		0.13				12.08	
SHARON	0.73	0.26	0.01	0.47	0.75	0.13	1.87	0.39	2.20	0.54	3.30	0.31	1.21	1.48	4.27	1.90	2.38	0.33	0.43	0.86	0.30	0.42	0.06	0.42	17.51	1.49
SHERWOOD 3 N	0.70		0.18		0.57		1.58		2.42		8.31		1.16		2.27		4.69		0.85		0.04		0.05		22.82	
SHIELDS	0.20		0.24		E 1.03		E 0.45		2.43		3.14		3.90		2.53		1.66		0.83		0.02		0.07		E16.50	
STANLEY	0.78	0.39	0.24	0.17	0.26	0.38	1.12	0.05	2.44	0.25	3.90	0.50	0.74	1.39	1.25	0.61	4.38	3.01	0.59	0.25	0.17	0.37	0.04	0.41	15.95	0.52
STEELE	0.61	0.21	T	0.38	0.93	0.21	1.01	0.17	3.53	1.01	5.10	1.54	3.13	0.31	1.84	0.34	3.05	1.52	0.95	0.17	0.14	0.33	0.09	0.40	20.38	3.01
SYKESTON	0.85		T		0.99		1.21		2.49		4.78		2.46		3.02		3.75		0.24		0.34		0.02		20.15	
TAGUS	E 0.19	0.17	0.25	0.17	0.53	0.09	1.19	0.04	1.71	0.28	4.93	1.88	0.80	1.25	1.62	0.16	5.03	3.63	0.36	0.42	0.03	0.50E	0.10	0.32	E16.74	2.19
TIOGA	0.59	0.16	0.30	0.07	0.16	0.49	0.64	0.34	1.10	0.96	3.75	0.69	1.00	1.03	1.77	0.02	5.40	4.12	0.45	0.36	0.35	0.11	0.15	0.29	15.64	1.34
TOLLEY															1.47		4.86		0.72		0.13		0.03		-	
TOLLEY 5 NNE	0.83		0.20		0.48		1.58		2.95		8.69		1.45		1.47		3.87	2.15	0.72	0.17	0.10	0.43	0.06	0.43	22.88	6.83
TOWNER	0.67	0.22	0.																							

TEMPERATURE EXTREMES AND FREEZE DATA

NORTH DAKOTA

1954

Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates						
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below		
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.									
ALMONT 7 SW	102	7-18	-30	1-17	4-30	13	5-4	20	5-4	20	5-7	28	5-10	32	9-21	31	10-6	20	10-6	20	10-6	20	11-1	1	8	185	155	155	152	134	
AMENIA	98	7-13+	-31	1-21	4-8	16	4-8	16	5-3	24	5-5	28	5-25	30	9-22	26	9-22	26	10-2	23	11-1	15	11-1	15	207	157	152	140	120		
AMIDON	101	7-10+	-34	1-20	5-3	11	5-3	11	5-3	11	5-8	28	5-31	31	9-21	25	9-21	25	10-6	22	10-29	20	11-1	1	11	182	179	156	136	113	
ARVILLA STATE PARK	95	7-26	-36	1-21	4-8	11	4-22	19	5-3	24	5-25	26	5-25	26	9-22	24	9-22	24	10-6	22	10-6	19	11-1	1	13	207	167	142	120	-	
ASHLEY	101	7-9	-35	1-21	4-3	-2	5-4	19	5-9	21	5-19	26	5-25	32	9-21	31	10-4	26	10-6	17	10-6	17	11-1	1	11	211	167	155	140	111	
BEACH	98	7-10	-34	1-20+	5-3	13	5-3	13	5-4	21	5-8	26	5-9	30	9-21	24	9-21	24	10-29	19	11-1	1	8	182	179	140	136	135			
BELCOURT INDIAN RES	99	7-18+	-39	1-21	5-4	12	5-17	20	5-17	20	5-29	27	6-4	32	9-21	30	9-22	24	10-6	22	10-6	15	11-1	1	15	155	141	128	116	109	
BELFIELD	98	8-31	-37	1-20	5-3	13	5-5	19	5-7	24	5-8	27	5-31	31	9-21	23	9-21	23	10-15	20	11-1	1	9	182	163	137	136	111			
BEULAH	102	7-19	-	-	-	-	-	-	-	-	-	-	-	-	9-21	24	9-21	24	10-6	15	10-6	15	11-1	1	11	-	-	-	-	-	
B15BEE	91	8-31	-40	1-20	4-4	14	4-22	18	5-4	24	5-17	27	5-25	32	9-21	31	10-4	26	10-6	17	10-6	17	11-1	1	11	211	167	155	140	111	
BISMARCK W8 AP	98	7-18+	-37	1-21	4-3	-2	5-4	20	5-5	21	5-9	27	5-10	31	9-21	30	10-2	28	10-6	20	10-6	20	11-1	1	10	212	155	154	146	121	
BOTTINEAU	92	7-19+	-42	1-20	4-8	15	5-3	20	5-5	23	5-17	26	5-29	31	9-21	27	9-21	27	10-6	15	10-6	15	11-1	1	13	181	156	151	127	115	
BOWBELL5	97	9-1	-36	1-27	5-3	15	5-4	20	5-4	20	5-9	28	5-30	31	9-21	25	9-21	25	10-6	23	10-6	15	11-1	1	15	156	155	149	135	114	
BOWMAN COURT HOUSE	102	7-9	-33	1-20	5-3	10	5-3	10	5-3	10	5-7	26	5-9	30	9-19	30	9-21	23	10-6	23	10-6	16	11-1	1	14	164	154	141	137	131	
BUTTE	97	7-19	-	-	4-8	12	5-1	20	5-9	24	5-17	26	5-17	26	9-21	30	10-4	28	10-6	13	10-6	13	11-1	1	13	181	158	150	140	127	
CARRINGTON	-	-	-33	1-21	-	-	-	-	-	-	5-11	27	5-17	29	9-22	30	-	-	-	-	-	-	-	-	-	-	-	-	-	128	
CARSON NO. 2	105	7-9	-31	1-20+	-	-	5-4	20	5-5	24	5-9	27	5-10	32	9-21	26	9-21	26	10-6	24	10-6	19	11-1	1	9	-	-	155	153	135	134
CAVALIER	96	7-11	-32	1-21	4-22	15	4-22	15	4-22	15	5-3	25	5-9	31	9-22	29	10-2	27	10-6	23	11-1	1	15	11-1	15	193	163	157	136	134	
CENTER	100	7-18	-39	1-21	5-4	15	5-5	20	5-9	24	5-17	28	5-17	28	9-21	25	9-21	25	10-6	10	10-6	10	10-6	10	10	155	154	150	127	127	
CODPERSTOWN	99	7-26	-35	1-21	4-8	16	4-8	16	5-9	23	5-9	27	5-19	32	9-22	29	10-2	26	10-6	20	10-6	20	11-1	1	12	207	181	154	146	126	
CRD58Y	94	8-31	-41	1-20	4-30	5	5-4	20	5-4	20	5-5	26	5-10	29	9-21	27	9-21	27	10-4	24	10-6	17	11-1	1	6	185	155	153	139	134	
DEVILS LAKE W8 CITY	93	7-18	-36	1-21	4-3	-1	4-8	17	5-3	24	5-9	26	5-17	32	10-2	30	10-4	28	10-6	21	10-6	17	11-1	1	13	212	206	156	148	126	
DICKINSON CAA AP	100	7-18	-33	1-20	5-3	16	5-3	16	5-4	23	5-5	26	5-9	30	9-20	29	9-21	25	10-6	20	10-6	20	11-1	1	12	182	156	155	139	134	
DICKINSON EXP STATION	102	7-19	-36	1-20	4-30	15	5-3	18	5-5	22	5-10	28	5-31	32	9-21	23	9-21	23	10-6	23	10-6	20	11-1	1	13	185	156	139	134	134	
DRAKE	94	7-19+	-35	1-26	4-4	0	5-4	20	5-7	24	5-7	24	5-16	32	9-21	29	10-4	28	10-6	17	10-6	17	11-1	1	10	211	155	152	150	128	
DUNN CENTER	100	9-1	-37	1-17	5-3	12	5-5	19	5-9	21	5-10	27	5-31	31	9-21	26	9-21	26	10-6	17	10-6	17	11-1	1	10	182	154	150	134	113	
ECKMAN	95	9-1	-41	1-21	4-30	15	5-5	19	5-7	21	5-17	27	5-29	32	9-21	25	9-21	25	10-6	23	10-6	19	11-1	1	12	159	154	151	127	115	
EDGELEY EXP FARM	99	7-27	-32	1-21	4-4	8	4-8	17	5-5	23	5-17	28	5-19	30	9-22	28	9-22	28	10-6	19	10-6	19	11-1	1	12	211	181	154	126	126	
ELDMORE 1 W	91	7-18	-40	1-21	4-3	-4	4-22	17	5-3	24	5-18	26	5-29	32	9-22	28	9-22	28	10-6	18	10-6	18	11-1	1	12	212	167	156	127	116	
ELDMWOOD5	-	-	-42	1-17+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ELLENDALE	102	7-26	-30	1-21	4-3	-2	4-8	17	5-4	24	5-9	27	5-17	32	9-22	31	10-6	22	10-6	22	11-1	1	12	11-1	1	2	212	207	155	150	128
ENDERLIN	99	7-27	-33	1-21	4-8	15	4-8	15	5-4	24	5-9	27	5-19	32	9-22	27	9-22	27	10-6	19	10-6	19	11-1	1	9	207	181	154	137	126	
EPPING	96	8-31	-43	1-20	5-3	15	5-3	15	5-4	21	5-31	27	5-31	27	9-21	24	9-21	24	10-6	13	10-6	13	11-1	1	7	182	153	140	113	113	
FARGO W8 AP	97	7-26	-30	1-21	4-8	16	4-8	16	5-4	24	5-6	27	5-19	31	9-22	31	10-6	20	10-6	20	10-6	20	11-1	1	9	207	181	156	153	126	
FESSENDEN	92	7-18+	-36	1-20	4-4	16	5-4	20	-	-	-	-	5-19	30	9-21	30	10-2	26	10-6	15	10-6	15	11-1	1	15	185	155	-	-	125	
FORMAN	100	7-11+	-33	1-21	4-3	1	4-8	17	5-5	24	5-8	27	5-17	31	9-22	31	10-6	28	10-6	23	11-1	1	13	11-1	1	13	212	207	166	151	128
FORT YATES	107	7-9	-35	1-21	4-3	7	5-5	20	5-5	24	5-8	25	5-19	32	9-22	31	10-6	23	10-6	23	11-1	1	11	11-1	1	11	212	180	152	150	125
FORKHOLM 7 N	98	8-31+	-35	1-26	4-30	15	4-30	15	5-4	24	5-17	27	5-25	32	9-21	30	10-6	13	10-6	13	10-6	13	11-1	1	13	159	154	154	142	119	
FULLERTON	105	7-26	-30	1-21	4-3	-3	4-8	18	5-4	24	5-9	28	5-19	31	9-22	29	10-2	28	10-6	20	10-6	20	11-1	1	13	212	181	154	146	126	
GACKLE	98	7-26	-35	1-21	4-4	15	4-8	18	5-4	24	5-9	26	5-17	31	9-21	30	10-2	28	10-6	17	10-6	17	11-1	1	9	211	181	155	146	127	
GARRISON	100	7-19	-34	1-21+	4-4	4	5-5	18	5-5	18	5-9	28	5-10	32	9-21	27	9-21	27	10-6	17	10-6	17	11-1	1	7	211	154	154	135	134	
GRAFTON	95	7-11	-41	1-21	4-22	16	4-22	16	5-3	24	5-19	28	5-25	29	10-2	27	10-2	27	10-6	22	11										

TEMPERATURE EXTREMES AND FREEZE DATA

NORTH DAKOTA
1954

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates				
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.							
SAN HAVEN	94	9- 1	-35	1-21	4- 8	15	4-30	17	5- 4	23	5- 7	28	5-17	30	9-21	30	10- 4	26	10- 5	23	10- 6	20	11- 1	10	207	159	154	150	127
SHARON	95	7-11+	-33	1-21	4- 8	15	4- 8	15	5- 7	21	5- 8	26	5-17	31	9-20	32	10- 2	28	10- 6	21	10-31	20	11- 1	13	207	206	152	147	126
STANLEY	99	8-31	-39	1-21	4-30	12	5- 3	19	5- 4	24	5- 5	25	5- 9	29	9-21	26	9-21	26	10- 4	22	10- 6	14	10- 6	14	159	156	153	139	135
STEELE	95	7-18+	-39	1-21	4- 4	13	5- 3	20	5- 7	23	5- 9	26	5-17	29	9-21	28	9-21	28	10- 6	17	10- 6	17	11- 1	7	211	156	152	135	127
TOWNER	95	7-18	-38	1-21	-	-	4-30	18	5- 7	23	5- 9	27	5-17	29	9-21	25	9-21	25	10- 4	22	10- 6	11	10- 6	11	-	159	150	135	127
TURTLE LAKE	99	7-18	-38	1-26	4- 3	-4	5- 3	19	5- 5	23	5- 9	27	5-17	31	9-21	29	10- 6	16	10- 6	16	10- 6	16	10- 6	16	186	156	154	150	127
UNDERWOOD	99	7-19	-35	1-21	4- 8	16	5- 4	19	5- 5	23	5- 9	28	5-17	32	9-21	29	10- 6	17	10- 6	17	10- 6	17	11- 1	7	207	155	154	150	127
UPHAM 3 N	95	7-18	-40	1-20	4- 4	15	5- 4	19	5- 7	23	5-17	28	5-17	28	9-21	25	9-21	25	10- 4	21	10- 6	12	10- 6	12	185	155	150	127	127
VALLEY CITY	98	7-26	-31	1-21	4- 8	16	4- 8	16	4- 8	16	5- 9	28	5-19	32	9-22	27	9-22	27	10- 6	20	10- 6	20	11- 1	13	207	181	181	136	126
VELVA	95	7-18	-36	1-21	4- 3	-3	4-30	19	5- 9	24	5-10	26	5-17	29	9-21	30	10- 6	15	10- 6	15	10- 6	15	10- 6	15	186	159	150	149	127
WAHPETON STATE SCHOOL	100	7-13	-34	1-21	4- 8	15	4- 8	15	5- 3	24	5- 8	27	5-19	30	9-22	30	10- 6	22	10- 6	22	11- 1	16	11- 1	16	207	207	156	151	126
WASHBURN	99	7-18	-34	1-17	4- 3	-2	4-30	20	5- 5	24	5- 7	27	5-10	30	9-21	28	9-21	28	10- 6	19	10- 6	19	11- 1	7	212	159	154	137	134
WATFORD CITY	100	8-31	-36	1-20	5- 1	12	5- 3	17	5- 4	24	5- 5	26	5-31	31	9-21	27	9-21	27	10- 4	24	10- 6	19	11- 1	9	184	156	153	139	113
WATFORD CITY 14 S	102	8-31	-40	1-20	4- 3	1	5- 3	17	5- 4	23	5- 3	28	5-31	28	9-21	23	9-21	23	10- 6	20	11- 1	10	11- 1	10	212	156	140	113	113
WESTHOPE	94	8-31	-43	1-20	4-30	9	5- 3	20	5- 7	24	5-10	27	5-17	30	9-21	26	9-21	26	10- 5	23	10- 6	14	10- 6	14	159	156	151	134	127
WILLISTON W8 CITY	93	7- 5+	-39	1-21	4-30	13	5- 3	19	5- 4	24	5- 5	28	5- 8	32	9-21	30	9-30	27	10-26	23	11- 1	10	11- 1	10	185	182	175	148	136
WILLOW CITY	95	7-18	-44	1-26	4- 4	12	5- 4	20	5- 5	21	5-19	27	6- 1	31	9-21	28	9-21	28	10- 6	14	10- 6	14	10- 6	14	185	155	154	125	112
WILTON	95	7-18	-32	1-20	4- 4	8	5- 3	19	5- 4	21	5- 9	28	5-10	31	9-21	27	9-21	27	10- 6	16	10- 6	16	10- 6	16	185	156	155	135	134
WISHEK	98	7-10+	-43	1-21	4- 8	13	4-19	19	5- 9	22	5-19	26	5-19	26	9-21	29	10- 2	27	10- 6	20	10- 6	20	11- 1	10	207	170	150	136	125

TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
DEVILS LAKE W8 CITY	EVAP	-	-	-	2.838	5.388	5.288	6.13	4.69	3.268	-	-	-	-	
	OEP	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WIND	-	-	-	2474	2111	1417	1069	1129	1639	-	-	-	-	
DICKINSON EXP STA (A)	EVAP	-	-	-	-	-	4.808	7.858	5.588	3.87	-	-	-	-	
	DEP	-	-	-	-	-	-1.29	-0.12	-1.67	-1.11	-	-	-	-	
	WIND	-	-	-	-	3905	3895	3510	3230	3440	-	-	-	-	
EOGELEY EXP FARM	EVAP	-	-	-	5.038	7.488	7.688	7.16	6.69	3.72	-	-	-	-	
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WIND	-	-	-	37398	3555	2261	1371	1275	1635	-	-	-	-	
MANOAN EXP STATION (A)	EVAP	-	-	-	3.048	5.20	4.998	6.248	5.16	3.80	-	-	-	-	
	DEP	-	-	-	-0.58	-0.14	-0.94	-1.09	-1.41	-0.71	-	-	-	-	
	WIND	-	-	-	4640	4774	3670	2605	2965	3505	-	-	-	-	
RIVERDALE	EVAP	-	-	-	5.358	7.778	7.498	8.46	7.96	5.69	-	-	-	-	
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WIND	-	-	-	44638	4599	3863	2977	3566	3926	37928	-	-	-	

(A) PAN 6 FEET IN DIAMETER, 24 INCHES DEEP, IN GROUND 20 INCHES.

CHANGES IN STATION NAMES

NEW NAME

Harvey
Medora 2 SSE
Napoleon
Raub 10 SSW
Wilton

OLD NAME

Harvey 3 NE
Medora
Napoleon 1 SE
Elbowoods
Wilton RR Station

DATE

May
May
March
April
April

RELOCATIONS

Balta
Carson No.2
Halliday
Harvey
Max
McCluskey
Medora
Medora 2 SSE
Napoleon
Raub 10 SSW
Shields
Washburn
Wilton

Rain gage moved 0.2 mile NW
Equipment moved 0.4 mile ESE
Rain gage moved 0.3 mile S
Rain gage moved 2.6 miles SW
Equipment moved 0.1 mile N
Equipment moved 300 feet SE
Equipment moved 2 blocks NW
Rain gage moved 2.5 miles SSE
Equipment moved 1.5 miles NW
Equipment moved 3.0 miles NE
Rain gage moved 0.4 mile NE
Equipment moved 0.3 mile E
Equipment moved 0.5 mile NW

April 15
April 7
May 20
May 25
June 26
November 1
February 1
May 11
March 17
April 14
May 6
October 5
April 12

STATION INDEX

NORTH DAKOTA
1994

Station	Index No.	County	Drainage+	Latitude	Longitude	Elevation	Temp.	Precip.	Evap.	Years of record	Opened or closed during yr.	Refer to tables	Station	Index No.	County	Drainage+	Latitude	Longitude	Elevation	Temp.	Precip.	Evap.	Years of record	Opened or closed during yr.	Refer to tables
ADAMS 7 S	0022	WALSH	10	46 20	98 06	-							WART	5610	SHERIDAN	11	47 50	100 07	1610						2
ALEXANDER	0096	MCKENZIE	13	46 43	101 39	2300	12	13					5638	MCLEAN	8	47 49	101 18	2093	76	26				1 2 3	
ALMONT 7 SW	0136	HORTON	4	46 43	101 39	2300	12	13					5660	TRAILL	10	47 30	97 19	975	59	59				1 2 3	
AMARDO	0189	DIVIDE	12	46 58	103 28	2059	5	4					5710	SHERIDAN	8	47 29	100 28	1943	30	37				1 2 3	
AMERICA	0196	CASS	11	47 00	97 13	460	5	4					5720	WILLIAMS	8	48 36	102 58	-						C	
AMIDON	0200	SLOPE	1	46 29	103 19	2910	33	33					5730	EDDY	11	47 38	98 35	1509	32	32				1 2 3	
ANTLER	0263	ROTTINEAU	12	48 58	101 70	1540							5754	RICHLAND	11	46 24	97 14	1075	43	43				1 2 3	
ARVILLA STATE PARK	0360	GRAND FORKS	10	47 56	97 30	900	11	11					5764	NELSON	10	47 46	98 10	1467	11					1 2 3	
ASHLEY	0382	MCINTOSH	8	46 02	99 22	2025	59	59					5798	STUTSMAN	8	46 53	99 19	1795	14					2	
RALPHILL DAM	0450	BARNES	11	47 02	98 02	1300							5803	BILLINGS	7	46 53	103 30	2359						C	
BALFOUR	0492	MCKENRY	12	47 57	100 32	1615							5813	BILLINGS	7	46 58	103 30	2250	-					1 2 3	
BALTA	0500	PIERCE	11	48 10	100 02	1550							5818	BILLINGS	7	47 10	103 36	2123	3					2	
BANTRY	0518	MCKENRY	12	48 30	100 06	1458							5833	FOSTER	5	47 20	99 02	1625	26	26				C	
BEACH	0590	GOLDEN VALLEY	7	46 55	100 01	2814							5988	WARD	12	48 15	101 17	1722	59	59				1 2 3	
BELOFT INDIAN RES	0626	ROLETTE	9	48 50	98 45	1960	10	10					5993	WARD	12	48 10	101 18	1720	9	9				1 2 3	
BELFIELD	0639	STARK	4	46 53	103 11	2592	37	37					6015	BURLEIGH	8	48 40	100 14	1760	1	12				1 2 3	
BETHOLD	0724	WARD	12	48 19	101 44	2080	4						8025	RENNVILLE	12	48 46	101 31	1639	61	61				1 2 3	
BELHAR	0766	WERCER	8	46 18	101 47	1780							6105	STUTSMAN	5	46 42	98 35	1379	14					1 2 3	
BELLEVILLE	0786	TOWNER	7	48 37	98 22	1400	52	52					6155	HETTINGER	1	48 23	102 20	2420	48	48				1 2 3	
BELMONT 12 FNE	0819	BURLEIGH	8	46 46	100 45	1650	15	15					6195	CAVALIER	2	46 38	98 43	1598	7	7				1 2 3	
BELMONT 12 FNE	0827	BURLEIGH	8	46 51	100 33	1709	1						6255	LOGAN	8	46 29	99 45	1955	63	63				1 2 3	
BELMONT 12 FNE	0841	ROTTINEAU	12	48 50	100 27	1640	63	63					6315	HETTINGER	1	46 33	102 52	2621	63	63				1 2 3	
BELMONT 12 FNE	0861	BURLEIGH	12	48 48	102 15	1953	20	20					6355	EDDY	5	47 43	99 18	1550	5					1 2 3	
BELMONT 12 FNE	0895	BOHMAN	3	46 11	103 23	2980	40	40					6395	MORTON	4	46 40	101 25	2163	51	51				1 2 3	
BELMONT 12 FNE	0908	BOHMAN	3	46 04	103 19	2810	3						6383	MOUNTAIN	8	47 59	102 29	1905	2	2				1 2 3	
BELMONT 30 NW	1001	SLOPE	7	46 55	103 31	2505	3						6455	DIVIDE	12	48 53	103 01	1960						2	
BELMONT 30 NW	1052	MORTON	1	46 24	100 56	1720							6535	BURKE	12	48 00	102 10	1850						C	
BELMONT 30 NW	1124	STUTSMAN	5	47 04	98 49	1572							6565	LA MOURE	5	46 33	98 44	1508						2	
BELMONT 30 NW	1216	HETTINGER	1	48 30	102 08	2444	3						6620	DICKY	5	46 40	101 25	1963	26	26				1 2 3	
BELMONT 30 NW	1225	MCLEAN	12	47 50	100 40	1880	30	30					6857	WALSH	10	48 23	97 45	998	51	51				1 2 3	
CANDY	1288	TOWNER	2	48 29	98 12	1481							6867	MOUNTAIN	8	47 57	102 08	1929	23	40				1 2 3	
CARRINGTON	1360	FOSTER	5	47 27	99 08	1579	57	57					6947	PEMBINA	10	49 00	97 14	790	81	81				1 2 3	
CARSON	1365	GRANT	4	46 25	101 34	2300							7027	NELSON	10	48 01	98 00	1524	11	24				1 2 3	
CARSON NO 2	1370	GRANT	4	46 25	101 34	2310	43	43					7047	KIDDER	8	47 07	98 31	1855	46	46				1 2 3	
CAVALIER	1435	PEMBINA	9	48 48	97 38	2800	19	17					7117	STUTSMAN	5	47 10	98 56	1572	3					C	
CENTER	1456	OLIVER	8	47 07	101 38	2100	17	17					7201	RURKE	12	48 00	102 13	1954	41	41				1 2 3	
COLGATE	1686	STEELE	5	47 14	97 30	1180	21						7281	RURKE	12	48 34	102 38	2705	29	29				1 2 3	
COLUMBUS	1696	BURKE	12	48 54	102 47	1930	4						7311	GRANT	1	46 11	101 51	-	14					C	
COPPERSTOWN	1766	GRIGGS	11	47 26	98 07	1428	58	58					7405	MCLEAN	8	47 44	102 06	1885						2	
COURTNEY	1816	STARK	5	47 13	98 34	1523	21						7408	MCLEAN	8	47 36	102 06	1958						C	
CROSBY	1871	DIVIDE	12	48 54	103 18	1954	48	48					7450	ADAMS	3	46 06	102 57	2810	4					2	
CROW	2018	KIDDER	8	47 14	97 30	1180	21						7452	SLOPE	1	46 19	102 57	2940						2	
DEVILS LAKE WA CITY	2158	RAMSEY	2	48 07	98 55	1471	50	79	4				7530	STARK	4	46 53	102 19	2670	39	39				1 2 3	
DICKINSON CAA AP	2183	STARK	4	46 47	102 48	2589	14	14					7585	MCLEAN	8	47 30	101 71	1910						1 2 3	
DICKINSON EXP STATION	2188	STARK	4	46 53	102 48	2600	63	63					7655	ROLETTE	12	48 40	98 50	1625						C	
DOHNBROOK	2242	WARD	12	48 31	101 53	1760	4						7664	ROLETTE	9	48 52	99 37	1619	17	17				1 2 3	
DRAKE	2248	MCKENRY	12	47 55	100 22	1634	25	25					7704	PIERCE	12	48 22	100 05	1560	7	26				1 2 3	
DUNN CENTER	2345	GRANT	6	47 21	102 37	2101	56	56					7749	WARD	8	47 35	101 40	2108	26					2	
ECKMAN	2472	ROTTINEAU	12	48 39	101 03	1500	40	40					7824	ROLETTE	12	48 50	100 02	2001	3	3				1 2 3	
FOGLEY EXP FARM	2482	LA MOURE	5	46 20	98 42	1568	54	54					7844	CAVALIER	9	46 55	99 00	1602						C	
FORDR 1 W	2525	RAMSEY	2	48 25	98 29	1520	31	31					7932	BOHMAN	3	46 09	103 09	2776	3					2	
ELBOWOODS	2570	MCKENRY	8	47 35	102 09	2082	61	61					7952	SIOUX	8	46 01	101 10	2183	18					2	
ELGIN 5 S	2592	GRANT	1	46 21	101 49	2241	4						7976	GOLDEN VALLEY	7	46 37	103 49	2647	3					2	
ELLENDALE	2605	DICKY	5	46 00	98 31	1460	56	56					7986	STEELE	12	47 36	97 54	1516	28	31				1 2 3	
ELLENDALE	2695	RANSOM	11	46 38	97 36	2004	7	2					8047	RENNVILLE	12	49 00	101 38	1647						2	
EPING	2735	WILLIAMS	8	48 17	103 21	2224	46	46					8057	EDDY	11	47 50	99 07	1480	4					2	
ESMOND	2767	BENSON	11	48 02	99 46	1650							8065	GRANT	1	46 14	101 07	1806						C	
FAIRFIELD	2809	BILLINGS	7	47 11	103 13	2750	74	77					8276	MOUNTAIN	8	48 19	102 24	2260	17	17				1 2 3	
FARGO WA AIRPORT	2859	CASS	10	46 54	98 48	1849	74	74					8366	KIDDER	8	46 51	98 55	1897	61	61				1 2 3	
FESSENDEN	2949	WELLS	5	47 39	99 37	1620	43						8608	WELLS	5	47 28	99 24	1634	3					2	
FLASHER	3009	MORTON	1	46 27	101 14	1930	5						8627	MOUNTAIN	12	48 20	101 56	2179	26					2	
FLAXTON	3019	BURKE	12	48 54	102 23	1940	4						8737	WILLIAMS	8	48 24	102 56	2779	26					2	
FORD 13 NW	3064	DICKY	5	46 04	98 56	1988	3						8760	RENNVILLE	12	48 44	101 49	1849						2	
FORD 13 NW	3117	SARGENT	10	46 06	97 39	1249	63	63					8764	RENNVILLE	12	48 47	101 47	1803						2	
FORD YATES	3207	SIOUX	8	46 06	100 38	1460	45	55					8792	MCKENRY	12	48 21	100 24	1482	53	53				1 2 3	
FORDHOLM 7 N	3217	WARD	12	48 27	101 34	1609	30	34					8807	MCKENZIE	13	47 21	104 01	2420	29					2	
FRYBURG 1 NE	3277	BILLINGS	4	46 53	103 18	2742							8812	GOLDEN VALLEY	13	47 17	103 54	2420						C	
FULLERTON	3287	DICKY	5	46 10	98 29	1439	57	57																	

REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

Data for recorder stations denoted by "C" are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder-only stations may be found in the annual issue of "Hourly Precipitation Data".

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

- No record.

+ Also later date (dates) or months.

* Amount included in following measurement.

// Gage is equipped with a windshield.

B Adjusted to full month.

E Amount is wholly or partially estimated.

M Less than a complete month of record available; if average value is entered, less than 10 days of record are missing; see monthly Climatological Data for detailed daily record.

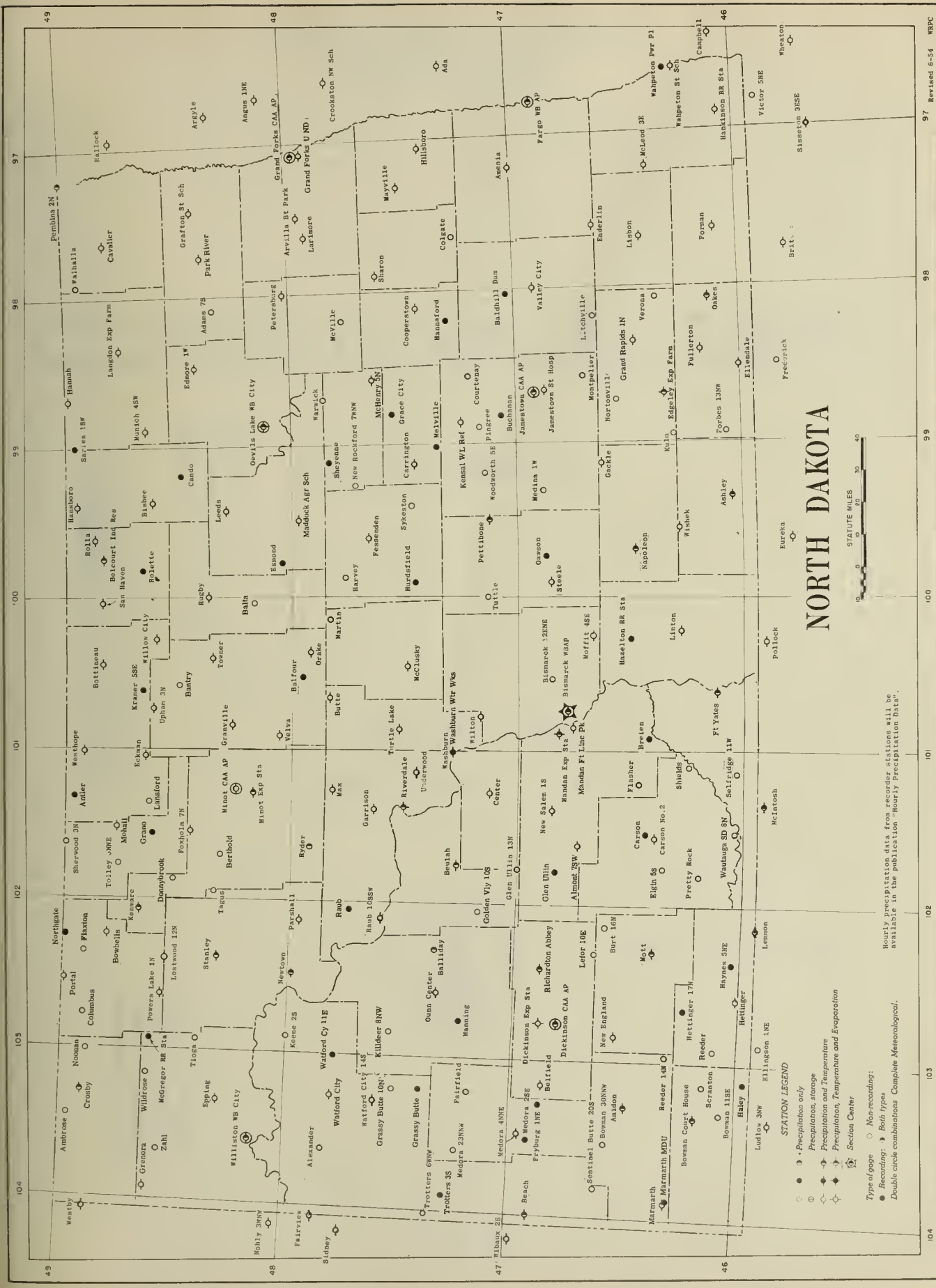
R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

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NWRC, ASHEVILLE, N. C. -- 4-11-55 -- 1030



NORTH DAKOTA



- STATION LEGEND**
- Precipitation only
 - Precipitation storage
 - ◆ Precipitation and Temperature
 - ◆ Precipitation, Temperature and Evaporation
 - ◆ Section Center
- Type of gauge: ○ Non-recording;
● Recording; ◆ Both types
- Double circle combinations Complete Meteorological.

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

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CLIMATOLOGICAL DATA

NORTH DAKOTA

JANUARY 1955

Volume LXIV No. 1



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NORTH DAKOTA - JANUARY 1955

WEATHER SUMMARY

Temperatures averaged over 4° above normal and precipitation slightly below normal. There were many days with light snow with totals averaging somewhat more than normal. The barley wintered well. Livestock continued in good condition and feed was plentiful. The weather was favorable for outdoor work except on a few days in the latter part of the month when temperatures averaged near zero.

Temperatures averaged above normal over the entire State except in the vicinity of Pembina where they averaged 0.9° below normal. Several counties in the northwest corner, a large area in the central and south central, and a strip along the southern border averaged over 5° above normal. Mild weather prevailed, in general, from the 1st to 5th and on the 30th and 31st. The 21st to 24th was cool. Temperatures on the 6th to 20th and 25th to 29th were near normal. Highest temperatures ranged from 24° at Cavalier and Grafton in the northeast to 46° at Belfield, Ft. Yates, and Medora in the southwest. Most stations had one or more days with maximum temperatures above freezing. Temperatures over a small area in the southeast corner and over several counties in the southwest did not go lower than 20° below zero at any time during the month. Minimum temperatures at Medora, Westhope, and a few stations in the northeast dropped to 30° below zero or colder on one or more days. The coldest was 33° below zero at Pembina 2 N on the 27th.

Light precipitation, mostly snow flurries, occurred on many days. Monthly totals ranged from 0.03 inch at Verona to 0.99 inch at Kenmare. In general, less than 0.25 inch occurred over a few east central counties, along the southern half of the North Dakota-Minnesota boundary, and from the Missouri River westward along the North Dakota-South Dakota line and over 0.50 inch over the counties bordering Wyoming and Canada. Elsewhere, amounts were mostly between 0.25 inch and 0.50 inch. Snowfall totals exceeded five inches over the northern third of the State, over the western portion as far south as Dickinson, at a few stations in the vicinity of Bismarck, and over several counties in the extreme southeast. Totals exceeded ten inches at widely scattered locations in the west and north. The greatest amount was 17.5 inches at Upham 3 N. In general, precipitation exceeded the January normal over most of the northern half of the State and was less than the normal over the southern half.

Some yard feeding was necessary during January but feed was plentiful and the livestock continued in good condition throughout the month. Grazing conditions were very good during parts of the month. Much barley had been planted and was wintering well. Snowfall caused no transportation difficulties in parts of the State. In other areas, however, snow and ice hampered the movement of traffic. Bismarck reported slippery streets and numerous accidents following the snow of the 23rd and blowing snow on the 27th reduced visibility in that area to one-half mile. Light freezing rain occurred at Devils-Lake for a short while on the evening of the 13th and blowing and drifting snow on the 14th. Blowing and drifting snow slowed highway traffic at Williston on the 24th. Williston also reported hazardous driving conditions due to glaze on the 13th, 28th and 29th. Ice on the Missouri River reached a thickness of 22 inches at Bismarck at the end of the month.

Lucius W. Dye

SUPPLEMENTAL DATA

NORTH DAKOTA
JANUARY 1955

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
BISMARCK WB AIRPORT	NW	18	10.7	52	NW	14	81	83	72	77	10	10	1	0	0	0	21	58	7.5
DEVILS LAKE WB CITY	-	-	7.9	26	NW	14	-	-	-	-	11	11	1	0	0	0	23	49	6.7
FARGO WB AIRPORT	NNW	15	13.0	42	NW	14	78	76	73	77	14	7	0	0	0	0	21	41	7.3
HILLSTON WB CITY	-	-	6.7	26	NW	14	-	79	74	74	13	6	4	0	0	0	23	33	8.2

COMPARATIVE DATA

JANUARY

Table 1						COMPARATIVE DATA												JANUARY		
Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall	
1892	3.3	58	-52	0.32	2.8		1917	1.7	47	-46	0.72	8.6		1942	18.3	60	-35	0.09	1.0	
1893	0.8	52	-48	0.99	8.4		1918	0.5	48	-44	0.47	5.0		1943	-1.4	45	-44	0.73	9.4	
1894	0.6	60	-47	0.39	3.6		1919	18.7	66	-44	0.18	1.7		1944	21.8	61	-26	0.37	4.8	
1895	-2.9	42	-46	0.56	5.5		1920	2.7	49	-44	0.97	10.0		1945	12.7	51	-31	0.41	5.6	
1896	5.3	58	-42	0.77	6.6		1921	15.9	52	-31	0.24	2.5		1946	11.2	56	-33	0.20	2.9	
1897	3.6	49	-38	0.77	7.5		1922	7.0	55	-46	0.49	5.2		1947	16.0	57	-37	0.35	4.4	
1898	14.6	69	-32	0.11	1.1		1923	10.1	56	-35	0.52	6.0		1948	9.3	59	-42	0.40	5.0	
1899	5.2	55	-41	0.25	2.4		1924	2.6	61	-42	0.23	2.5		1949	1.7	58	-49	1.14	15.3	
1900	15.4	70	-30	0.22	2.0		1925	8.6	52	-35	0.24	2.5		1950	-10.5	51	-51	1.04	14.5	
1901	7.7	68	-39	0.28	3.0		1926	16.3	55	-30	0.38	4.1		1951	3.3	50	-43	0.57	8.4	
1902	12.7	51	-40	0.14	1.4		1927	10.1	60	-44	0.42	4.3		1952	3.0	45	-37	0.70	9.2	
1903	9.4	56	-37	0.66	6.7		1928	13.0	50	-41	0.20	2.3		1953	14.2	60	-31	0.43	5.7	
1904	3.6	50	-52	0.40	4.0		1929	-4.8	42	-42	0.62	9.2		1954	-0.9	55	-48	0.71	9.8	
1905	0.9	48	-40	0.32	2.9		1930	-1.9	41	-43	0.29	2.7		1955	11.2	46	-33	0.41	5.8	
1906	12.2	60	-38	0.69	6.9		1931	21.4	68	-31	0.15	1.4								
1907	-6.2	45	-45	1.32	14.5		1932	9.5	50	-34	0.56	6.3								
1908	17.0	70	-41	0.24	1.9		1933	11.8	53	-30	0.80	10.0								
1909	3.5	53	-48	0.43	4.3		1934	15.8	54	-36	0.20	2.0								
1910	9.4	49	-35	0.37	4.1		1935	3.3	60	-44	0.41	4.9								
1911	-1.0	56	-43	0.84	8.5		1936	-5.8	43	-44	0.56	6.9								
1912	-4.6	63	-52	0.35	3.6		1937	-8.3	38	-44	0.67	9.0								
1913	3.2	60	-54	0.45	4.6		1938	9.5	50	-40	0.48	6.1								
1914	14.8	62	-38	0.48	4.9		1939	15.0	55	-32	0.47	6.0								
1915	5.8	51	-48	0.29	3.4		1940	3.4	48	-39	0.10	1.4								
1916	-6.4	49	-56	1.36	15.1		1941	11.0	53	-33	0.54	6.3								

VERAGES FOR THE PERIOD 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature										Precipitation									
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days	Total	Departure From Normal	Greatest Day	Date	Total	Snow, Sleet, Hail	No. of Days	Max. Depth on Ground	Date	No. of Days
EASTERN DIVISION																				
MENIA	20.2	0.2	10.2	5.2	36	14	-21	27	1694	0 30 31 12	0.21	- 0.32	0.04	8	5.0	4	29+	0	0	0
RVILLA STATE PARK	17.2	- 6.5M	5.4M		30	14	-30	27	1863	0 31 31	0.27		0.09	11						
ARRINGTON																				
AM	13.9	- 4.0	5.0	3.6	24	4+	-23	27	1858	0 31 31 22	0.75	- 0.08	0.18	2		8	20+	3	0	0
QOPERSTOWN	19.5	- 1.0	9.3	5.0	34	6+	-22	28	1723	0 28 31 14	0.26	- 0.25	0.06	27	6.7					
DEVILS LAKE WB CITY	16.5	- 1.3	7.6	2.8	34	14	-21	28	1770	0 30 31 17	0.48	- 0.08	0.10	11	6.6	4	29+	1	0	0
OMELEY EXP FARM	24.2	1.6	12.9	4.1	39	7	-20	27	1606	0 24 31 11	0.25	- 0.24	0.07	24		3	27+	0	0	0
AM	16.2	- 4.1	6.1	5.9	29	14	-22	26+	1825	0 31 31 20	0.31	- 0.18	0.11	4	5.3	5	31	1	0	0
OMORE 1 W	26.5	3.5	15.0	5.0	40	6	-22	27	1542	0 24 31 9	0.40	- 0.06	0.09	27	5.7	2	27+	0	0	0
AM	20.3	0.2	10.3	37	15	-19	27	1693	0 30 31 13	0.74			0.50	9		5	10	2	1	0
NOERLIN	18.6	0.4	9.5	2.4	35	14	-18	28	1713	0 30 31 15	0.18	- 0.42	0.05	14+	2.8	3	21+	0	0	0
ARGO WB AP	23.4	1.6	12.5	4.9	38	14	-20	27	1622	0 30 31 12	0.29	- 0.16	0.08	11+	5.0					
ORMAN	25.5	2.8	14.2	5.1	38	6	-21	27	1568	0 25 31 9	0.52	- 0.18	0.30	27	5.2	3	27+	1	0	0
ULLERTON	22.9	1.9	12.4	4.7	36	31	-22	26	1623	0 30 31 9	0.14	- 0.30	0.06	24	1.5	1	23+	0	0	0
ACKLE	14.4	- 3.3	5.6	3.0	24	14	-30	27	1838	0 31 31 19						8	31			
RAFTON	14.6	- 2.9	5.9	2.3	25	14	-20	26	1829	0 31 31 20	0.40	- 0.13	0.09	11	5.5	4	21+	0	0	0
RANO FORKS CAA AP	14.7	- 0.9	6.9	3.3	25	4	-21	27	1796	0 31 31 16	0.45	- 0.08	0.09	11+	4.7	5	21+	0	0	0
RANO FORKS UNIVERSITY	24.5	- 0.5	12.0	4.0	6	-24	28	1637	0 27 31 15	0.45			0.12	27	7.0	7	29+	1	0	0
RANO RAPIOS 1 N	24.7	1.5	13.1	5.2	40	15	-18	26	1601	0 28 31 12	0.09	- 0.38	0.09	27						
AM																				
ANNAN	18.5	0.0	9.3	4.4	29	7	-21	27	1725	0 31 31 13	0.23	- 0.28	0.06	8+						
ILLSBORO	22.4	0.5	11.5	4.4	36	4+	-23	26	1654	0 26 31 13	0.26	- 0.29	0.04	28+	3.0	3	29+	0	0	0
AMSTOWN CAA AP	22.9	3.2	13.1	6.0	36	6+	-17	27+	1600	0 26 31 9	0.12	- 0.43	0.03	11+	2.0					
AMSTOWN STATE HOSP	22.1	0.8	12.5	3.6	4+	-20	26+	1623	0 25 31 13	0.24			0.06	11	7.2	4	30+	0	0	0
ENSAL WILDLIFE REFUGE	13.7	- 5.8	4.0	3.6	27	14	-25	26+	1889	0 31 31 23	0.63	- 0.02	0.17	2		6	31	1	0	0
ANGDON EXP FARM	17.0	- 1.8	7.6	3.8	30	6+	-23	27	1777	0 31 31 15	0.35	- 0.25	0.09	11	5.2	9	27	0	0	0
ARIMORE	21.9	- 0.4	10.8	3.2	36	14	-22	28	1677	0 30 31 12	0.47	- 0.12	0.12	27	5.9	5	29+	1	0	0
ISBON	18.5	- 0.9	8.8	2.8	32	6	-21	30	1737	0 31 31 14	0.35	- 0.04	0.06	8+	4.0	3	12+	0	0	0
HAYVILLE	18.5	- 1.8	8.4	6.9	33	14	-23	26	1753	0 30 31 17	0.20	- 0.22	0.06	11	2.6	1	11+	0	0	0
C HENRY 5 N																				

See reference notes following Station Index.

CLIMATOLOGICAL DATA

NORTH OAKOTA
JANUARY 1955

TABLE 2 - CONTINUED

Station		Temperature											Precipitation														
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days					
											90° or Above	32° or Below	32° or Below	60° or Below					Total	Max. Depth on Ground	Date	18 or More	50 or More	100 or More			
MC LEOO 3 E		24.4	-0.3	12.1	3.8	37	14	-22	27	1632	0	30	31	15	0.28	-0.28	0.09	9+	7.2				0	0	0		
MUNICH 4 SW		14.0	-5.2	4.4		27	14	-25	28	1872	0	31	31	21	0.30		0.07	12	5.5	5	31	0	0	0			
OAKES	AM	22.7	-0.3	11.2	2.3	38	15	-20	27	1662	0	29	31	16	0.31	-0.16	0.06	30		4	30+	0	0	0			
PARK RIVER		16.0	-1.4	7.3	4.4	30	7	-19	27	1785	0	31	31	17	0.40	-0.09	0.13	14	4.2	4	14+	2	0	0			
PENBINA 2 N		13.0M	-10.1	1.5M	-0.9			-33	27	1973	0	31	31	25	0.69	-0.06	0.22	2		11	31	2	0	0			
PETERSBURG		15.4	-2.6	6.4		30	14	-22	28	1814	0	31	31	19	0.30	-0.14	0.05	12+		4	27+	0	0	0			
SHARON		18.0	-1.5	8.3	4.8	34	14	-22	28	1756	0	29	31	16	0.35	-0.12	0.10	11		5	24+	1	0	0			
VALLEY CITY		22.2M	1.4	11.8M	5.7	35	4+	-18	27	1647	0	31	31	14	0.28	-0.26	0.11	27	2.7			1	0	0			
WAPETON STATE SCHOOL		22.5	2.4	12.5	3.8	37	14	-19	27+	1624	0	30	31	10	0.38	-0.07	0.08	21	5.8	4	22+	0	0	0			
DIVISION				9.3	4.2											0.35	-0.17										
MIDDLE DIVISION																											
ASHLEY		25.8	3.0	14.4	5.7	39	2	-21	27	1561	0	25	31	10	0.18	-0.26	0.07	24	3.0	2	24+	0	0	0			
BELCOURT INDIAN RES		15.3	-6.0M	4.7M		31	5	-23	16	1870	0	31	31		0.47		0.10	14	5.8	6	31	1	0	0			
BISBEE		14.7	-2.2	6.3	4.5	25	1+	-23	28	1814	0	31	31	19	0.46	0.01	0.12	2	4.7	4	31	2	0	0			
BISMARCK WB AP	R //	25.5	4.4	15.0	5.8	38	30	-20	26	1546	0	25	31	9	0.42	0.06	0.13	23	5.8	4	28	1	0	0			
BOTTINEAU	AM	14.4	-5.6M	4.4M	3.0	31	14			1873	0	31	31	23	0.86	0.45	0.24	3	8.6	8	27+	3	0	0			
BUTTE	AM	21.3M	-0.6M	10.4M	2.5	35	14	-20	26+	1691	0	29	31	14	0.47	0.11	0.10	12	6.5	5	25+	1	0	0			
CARSON NO 2		25.1	1.1	13.1	3.3	38	13	-21	27	1602	0	25	31	14	0.62	-0.25	0.12	23	3.5	4	26+	3	0	0			
CENTER	AM	20.1	-2.5	8.8	3.3	34	14+	-22	27	1738	0	29	31	18	0.46	0.07	0.08	24		2	24+	0	0	0			
ECKMAN	AM	16.1	-9.2	3.5	0.4	34	14	-28	16	1904	0	30	31	24	0.93	0.57	0.20	3	10.0	10	29+	5	0	0			
FESSENDEN		20.9	0.2	10.6	5.9	35	14	-21	27	1686	0	29	31	11	0.34	-0.15	0.08	11	5.0	4	29+	0	0	0			
FORT YATES		30.2	5.5	17.9	8.3	46	30	-16	26+	1452	0	21	31	9	0.23	-0.16	0.13	23	3.5	4	27+	1	0	0			
FOXHOLM 7 N		21.0	0.5	10.8	4.0	36	14	-19	26	1678	0	29	31	13	0.41	-0.03	0.08	8		5	11+	0	0	0			
GARRISON	AM	22.8	0.5	11.7	3.8	35	14	-22	26+	1648	0	29	31	11	0.32	-0.05	0.17	24		4	30	1	0	0			
GRANVILLE		21.3	-1.4M	10.0M	4.9	35	7+	-21	28	1698	0	29	31		0.36	-0.02	0.09	21	8.0	8	30+	0	0	0			
HANSBORO		15.4M	-4.8M	5.3M	4.7	30	7	-22	26+	1840	0	31	31		0.33	-0.28	0.12	14	11.0	10	31	1	0	0			
LEEDS		16.9	-2.7	7.1		34	14	-25	26	1792	0	30	31	17	0.46		0.10	27	7.4	4	12+	1	0	0			
LINTON		27.5	1.5	14.5	5.2	40	30	-26	27	1560	0	24	31	12	0.10	-0.24	0.08	24	6.1	6	26+	0	0	0			
MAODOCK AGR SCHOOL		19.1M	-1.1M	9.0M	4.4			-23	26	1729	0	31	31		0.25	-0.17	0.06	26				0	0	0			
MANDAN EXP STATION	AM	25.6	3.5	14.0	6.0	39	14+	-17	26+	1556	0	26	31	9	0.26	-0.11	0.17	24	4.9	3	24+	1	0	0			
MANDAN FT LINCOLN PARK		27.9	4.9M	16.4M		41	30	-20	26+	1494	0	23	31		0.28		0.14	23	3.2	3	24+	1	0	0			
MAX	AM	21.9	-0.5	10.7	6.2	35	14	-22	27	1677	0	30	31	12	0.64	-0.29	0.23	24	4.3	4	24+	2	0	0			
MC CLUSKY		21.6	1.3M	11.5M	5.1	34	14	-20	26+	1653	0	30	31	15	0.37	-0.07	0.11	24	3.8	3	24+	1	0	0			
MINOT CAA AP		19.2	2.0	10.6	4.0	35	14	-18	26	1675	0	29	31	11	0.56	0.19	0.09	8+	5.5	4	28+	0	0	0			
MINOT EXP STATION	AM	19.7	-2.0	8.9	34	1+		-26	26	1733	0	29	31	15	0.31		0.06	14+	6.0	4	27+	0	0	0			
MOFFIT 4 SE		26.5	2.4	14.5	40	30		-25	27	1563	0	25	31	11	0.22		0.06	24	2.8	3	24+	0	0	0			
MOHALL		17.4	-3.3	7.1	2.3	34	14	-24	26	1792	0	30	31	22	0.65	0.31	0.21	2		5	24	2	0	0			
NAPULEON		24.8	3.4	14.1	7.3	34	4+	-21	26	1572	0	26	31	9	0.29	-0.12	0.12	24	3.7	4	24+	1	0	0			
NEW SALEM 1 S		25.3	5.8M	15.6M	5.9	41	13			1526	0	26	31		0.35	-0.09	0.15	23	5.3			1	0	0			
PETTIBONE		21.8M	1.2M	11.5M	7.6	33	7+	-21	27	1653	0	29	31		0.25	-0.13	0.12	23	2.0	2	28+	1	0	0			
RIVERDALE	AM	22.7	2.1	12.4	36	1		-19	27	1622	0	28	31	9	0.46		0.22	24	4.5	4	24+	1	0	0			
ROLLA		15.2	-3.6M	5.8M	3.2	31	5	-21	26	1827	0	31	31	22	0.80	0.27	0.15	2	8.8	9	31	3	0	0			
RUGBY		18.5	-0.9	8.8	33	14		-24	28	1735	0	30	31	17	0.59	0.16	0.09	24				0	0	0			
SAN HAVEN		15.2	-0.8	7.2	4.4	30	5	-20	26	1787	0	31	31	20	0.70	0.27	0.16	2	9.0	10	31	1	0	0			
STEELE		26.0	2.9	14.5	7.3	37	14	-20	27	1560	0	27	31	10	0.26	-0.14	0.10	24	6.0	4	24+	1	0	0			
TOWNER		19.1	-4.4M	7.4M	3.3	35	14			1777	0	30	31		0.46	0.01	0.09	11+		9	28+	0	0	0			
TURTLE LAKE		23.3	0.5	11.9	5.2	35	14	-25	26	1639	0	29	31	12	0.69	0.34	0.14	24		4	24+	3	0	0			
UNDERWOOD	AM	23.4	-0.1	11.7	1.8	36	14	-21	27	1646	0	28	31	14	0.52	0.19	0.18	24		7	27+	1	0	0			
UPHAM 3 N		19.4	-5.9	6.8	34	14		-27	26	1803	0	30	31	24	0.39		0.08	2	17.5	8	27+	0	0	0			
VELVA		21.6	0.9	11.3	4.6	35	14	-18	26	1661	0	30	31	13	0.47	0.05	0.09	27	6.0	6	29	0	0	0			
WASHBURN																											
WESTHOPE		15.7	-5.9	4.9	2.8	33	14	-31	26	1860	0	30	31	22	0.68	0.35	0.19	2	11.5	6	31	2	0	0			
WILLOW CITY		16.8	-6.7	5.1	4.0	34	14	-27	10+	1854	0	30	31	22	0.44	-0.11	0.13	27	9.0	5	27+	1	0	0			
WILTON		23.0	2.8	12.9	4.9	34	13+	-23	26	1609	0	26	31	8	0.63	0.29	0.11	23		5	30+	1	0	0			
WISHEK		25.2M	1.0M	13.1M	5.8	36	31	-25	27	1606	0	29	31		0.45	0.06	0.20	28				3	0	0			
DIVISION				10.4	4.4											0.45	0.01										
WESTERN DIVISION																											
ALMONT 7 SW		26.6	6.9	16.8		43	30	-21	26	1485	0	25	31	6	0.31		0.17	23	4.7	5	26+	1	0	0			
AMIOON	AM	28.2	6.1	17.2	2.6	46	1	-19	26	1477	0	24	31	7	0.15	-0.28	0.14	24	2.0	2	24+	1	0	0			
BEACH	AM	28.3	2.4	15.4	3.3	44	1+	-23	27	1530	0	26	31	10	0.70	0.24	0.28	24	9.0	5	24+	2	0	0			
BELFIELD		27.8	5.1																								

DAILY PRECIPITATION

NORTH DAKOTA
JANUARY 1955

Table 3

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADAMS T S	.46		.06		.09					.01			.06		.05						.04	.04	.01	.01	.02	.03					.04	.01	
ALEXANDER	.53		.07						.04				.08		.10																		
ALBANY 7 SW	.31																																
AMBRUSE	.18																																
AMENIA	.21																																
AMUND	.15																																
ARVILLA STATE PARK	.27		.03																														
ASHLEY	.18																																
BALTA	.57				.03				.03				.04	.02	.04	.05																	
BANTRY	.39		.07	.07									.09																				
BEACH	.70								.10	.07	.01	.05			.04	.03																	
BELCOURT INDIAN RES	.47		.08						.01						.10																		
BELFIELD	.31		.04																														
BERTHOLD	.15																																
BEULAH	.15																																
BISBEE	.46		.12		.04							.07																					
BISMARK WB AP	.42								.03			.03	.02		.04																		
BISMARK 12 ENE	.12																																
BOTTINEAU	.86	.01	.24	.03								.03	.02	.05	.12	.01																	
BOHILLS	.74		.30									.15	.03	.02	.05	.08	.01																
BOWMAN COURT HOUSE	.23																																
BOWMAN 11 SE	.20																																
BOWMAN 30 NNW	.64								.15																								
BURT 16 N	.16																																
BUTTE	.47								.06				.05	.10																			
CARRINGTON																																	
CARSON NO 2																																	
CAVALIER	.75		.18	.01	.05								.07	.05	.13																		
CENTER	.62								.10				.02	.02	.02	.07																	
COLGATE	.16								.03				.02	.02																			
COLUMBUS	.57		.10	.03					.06				.06		.12	.07																	
COOPERSTOWN	.26								.05				.03																				
COURTENAY	.23								.07																								
CROSSY	.48		.15						.02				.09		.01	.01																	
DEVILS LAKE WB CITY	.48		.01	.04									.10		.01	.05																	
DICKINSON CAA AP	.54								.01			.01	.01		.03																		
DICKINSON EXP STATION	.29											.01	.01		.01	.03																	
DUNNWOOD	.39		.12	.05					.05			.02	.02	.05	.01	.02	.02																
DRAKE	.46				.04				.03			.02	.01	.05	.04	.03																	
DUNN CENTER	.38											.03		.03		.03																	
ECKMAN	.93			.20	.05				.08				.12		.10																		
EDGELEY EXP FARM	.25												.05																				
EDMORE 1 N	.31				.11								.09																				
ELGIN 5 S	.16																																
ELLENOALE	.40								.04				.07																				
ENDERLIN	.74											.50	.08																				
EPPIING	.58		.13												.27																		
FAIRFIELD	.32								.02				.01																				
FARGO WB AP	.18								.01				.01	.01		.05																	
FESSENDEN	.34								.01																								
FLASHER	.15																																
FLATTON	.73		.11	.03					.10			.09		.07	.07																		
FORBES 13 NW	.20											.05																					
FORMAN	.29											.08																					
FORT YATES	.23																																
FOXHOLM 7 N	.41		.05						.08			.07		.03	.05	.01																	
FULLERTON	.14								.04			.02	.03	.02																			
GACKLE	.32											.02		.03	.02																		
GARRISON	.14											.01	.05																				
GLEN ULLIN 13 N	.32				.03																												
GOLDEN VALLEY 10 S	.39																																
GRAFTON			.12		.03																												
GRAND FORKS CAA AP	.40			.02					.08				.09	.02		.05	.10																
GRAND FORKS UNIVERSITY	.45		.03						.06			.09	.04		.06																		
GRAND RAPIDS 1 N	.45								.06			.07																					
GRANVILLE	.36		.03		.03				.05																								

DAILY PRECIPITATION

NORTH DAKOTA
JANUARY 1955

Table 3--Continued

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NEW ROCKFORD 7 WNW	.35		T		T				T			.08	.05									T											T	
NEW SALEM 1 S	.35								T	T	T				.03					.04		T	.02		.15	T		.04	T		.15		.07	
NEWTOWN	.49			.08	T						T													T	.13	.08				.09	T	.02		
NODMAN	.87	.16							.01	T	T		.08											T	.21	.08				.06		.04	.02	
NORTONVILLE	.18								.09				.09		.10	.07									.05	.08				.10				
OAKES	E .31	E .01																					T	T	T	T	.05	T	T	.03	.05	.04	.06	
PAK RIVER	.40			.10	T								.04										T	T										
PARSHALL	.39			.05								.05			.13								T	T						.06		.06		
PEMBINA 2 N	.69			.22			.07				.01		.07		.15	.03								T	.01	.12	.04		.05	.01	.01		.06	
PLETERSBURO	.30												.02		.05								.03	.03	.03		.04		.05			.07		
PLTTIBONE	.25																																	
PINGREE	-	-	-	-	-	-	-	-	.03	-	-	-	-	-	.02													T			.08	-	-	
PORTAL	.57				.07				.09				.13		.10	T										.12	T		T	T	T		.06	
POWERS LAKE 1 N	.31			.05						T	T	T	.07		.11	T									T	.08	T							
PRETTY ROCK	.16									T	T				.01			T			.02				T	.09	T		.04	T				
RAUB 10 SSW																																		
REEDER	.15																																	
REIDER 14 N	.11									T	T															.15								
RICHARTON ABBEY	.38			T	T																				T	.17	.04			.05	.04	T	T	
RIVERDALE	.46				T				.02	T	T	T			.02	T		T			.03		T		.02	.01	.22		.04	T	.05	.02		
ROLLA	.80			.15	T	T							.09	.07	.13								.03	.08	T		.06	T	.03	.02	T		.11	
RUGBY	.59			.03	T	.03							.03	.05	.06					.01			.02	.03	.02	.02	.09	.01	.06		.03	.06		
RYDER	.27												.05	T	.10									T	T	T	.10			T	T			
SAN HAVEN	.70												.04	.02	.09									T	.02	.05	T	.07		.08	T	.07		
SCRANTON	.32			.16	T	.02							T	T	T	T								T	T	.20	T	T	.12					
SELFRIEGL 11 W	.28	T											T	T	T									T	T	.28								
SENTINEL BUTTE 20 S	.38							.04					T	T	T									T	T	.21		T		.13				
SHARON	.35			.02		T							.10	T	.14	.04									T	.03	.01		.03		.02	.02		
SHERWOOD 3 N	.92			.41	T								.14	.04	.03	.18								.03	.02	.01	.03	.01		.04				
SHIELDS	.23																								.03	.01	.18	T	T	.05				
STANLEY	.47	.18											.10		T	.06										.07	T		.04	.02				
STELLE	.26								.04	T	T		.04		T										.04	T	T	.10	T	.04	T	T		
SYKESTON	.08												.08	T											T	T	T	T	T	T	T	T		
TAGUS	-																																	
TIOGA	.39			.12	-	-		.04	-	-	-		.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOLLEY	.52				.19								.05		.09																			
TOUNER	.46			.05			.04	.06					.09	.04																				
TROTTERS 6 WNW	.59								.19	T					.10					.02						.16	T		.04	.08	T	T		
TURTLE LAKE	.69			T	T				.06	T		.02	.08		.06					.04						.06	T	.10	.14	.13	T	T		
TUTTLE	.34								.02	T		.03			.01										.02	.01	.01	.07	.02	T	.04	.02	.07	
UNDERWOOD	.52								.02	.02	.01	.06	.02		.05	.02				.02					.01	.01	.05	.18	.03	.05	.01	.01		
UPHAM 3 N	.39			.08	T				T	T		.03	.04		.05					T				.02	T		T	.02	.06	.03	T	.06		
VALLEY CITY	.28								.05	T	T	.02	T		.05	T								.01	.03		.01		.11	T	.02	.03		
VELVA	.47			.02	T				.07	T		.02	.03		.05	T									T	T	.03	.05	.08	.09	.03	T	T	
VERONA	.03			.01	T	T																			T	T			.02	T	T	T	T	
WAMPLTON STATE SCHOOL	.38			T								.06		.06	.03									.02	.08		.07	.01	T	T	T	.01		
WAMALLA	.51				.23	.10							.08		.10										T					T				
WARWICK	.23																									.14								
WASHBURN																																		
WATAUGA 5 OAK 8 N	.23														T	T																		
WATFORD CITY	.92			.09								.06		.12		.22											.31		.04	.04		.04		
WATFORD CITY 14 S	.38								.03	T		.04			T												.20		T	.04	T			
WESTHOPE	.68			.19		.06			.03			.09			.11										.03		.25	.08		.03	T	T		
WILGROUSE	.92											.16			.21																			
WILLISTON WB CITY	R // .80			.20	T							.10	.01	T	.04	.05									.01	.01	T	.24	T	T	.10	T		
WILLOW CITY	.44			.06	T								T	.06												.04	T	.02	.01	.13	.03	T		
WILTON	.63								.04	T		.03	.07	.03	.05											.04	.02	T	.11	.05	.03			
WISHEK	.45																														.15	.10		
WOODWORTH 5 E	.33											.05															T	T	-	.10				
ZARL	.83			.10	T				.07	T	T	.10		.02	.20	T										.01	.01	T	.26	T	T	.03	.03	

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
JANUARY 1955

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX MIN	36 10	25 9	15 7	35 7	32 8	32 8	32 8	31 18	23 10	23 12	23 4	11 -4	39 0	36 19	28 12	21 4	27 12	25 14	21 -4	23 10	14 5	17 6	18 3	28 16	28 3	22 -21	25 -6	25 -10	29 14	43 20	37 21	26.6 6.9
AMENIA	MAX MIN	25 9	22 -5	18 4	32 4	28 11	31 0	32 9	25 6	22 13	20 9	26 7	25 7	25 -7	36 7	19 9	10 -10	11 -15	19 -5	20 -5	25 15	17 5	16 3	11 3	10 -13	16 -16	5 -21	5 -16	10 -2	16 -19	20 9	25.2 0.2	
AMIOON	MAX MIN	46 20	35 13	21 5	20 6	32 9	33 6	30 11	33 12	25 12	25 14	22 8	22 -9	28 -6	39 21	27 10	29 12	27 6	29 8	31 7	25 8	23 4	11 5	20 -1	33 18	26 -2	27 -19	27 -17	24 -16	31 12	30 22	41 19	28.2 6.1
ARVILLA STATE PARK	MAX MIN	25 8	12 -9	14 -3	26 -5	24 5	28 -7	27 5	25 20	15 20	16 16	25 12	30 1	16 1	4 -14	10 -25	21 -13	19 -11	25 14	23 8	15 4	9 -1	8 -1	14 -20	11 -22	4 -30	4 -19	6 -12	15 -26	22 10	17.2 -6.5		
ASHLEY	MAX MIN	30 10	39 5	36 8	33 7	31 3	32 2	34 7	28 16	32 11	30 15	23 16	21 0	34 -4	32 9	24 4	15 -7	20 -7	23 -1	19 -1	27 14	22 5	14 1	15 4	24 -5	24 -18	20 -21	22 -18	10 1	22 13	31 19	25.8 3.0	
BEACH	MAX MIN	44 7	30 -1	17 4	20 5	32 2	35 2	28 9	31 16	25 11	23 -1	24 9	24 -11	38 21	24 10	30 9	27 6	30 2	31 1	25 6	25 1	17 4	18 -2	32 4	30 -3	29 -21	26 -16	32 -8	37 14	44 19	28.2 2.4		
BELCOURT INDIAN RES	MAX MIN	21 -3	6 -3	10 -7	16 0	31 -1	13 -9	21 -2	23 -2	17 9	15 -13	12 -1	12 -7	25 -8	28 10	15 -8	15 -23	8 -10	15 9	18 -16	20 13	17 5	11 -1	9 1	4 -10	11 -21	3 -21	4 -19	12 -18	17 -21	26 15	15.3 -6.0	
BELFIELD	MAX MIN	34 10	17 7	20 5	32 10	30 6	28 5	31 10	31 14	23 10	21 -1	19 -3	12 -10	39 -1	35 15	31 6	25 6	30 12	35 9	25 7	22 6	14 1	18 6	31 -6	36 -6	28 -2	23 -21	24 -2	31 -18	37 21	46 22	33 18	27.8 5.1
BEULAH	MAX MIN	36 9	20 -5	18 3	16 5	28 -3	26 -2	25 5	31 -3	32 2	21 1	18 6	21 -7	11 -6	36 2	25 5	22 1	17 -2	25 -1	26 -2	20 -1	19 4	10 10	14 4	24 5	23 -1	22 -20	22 -18	28 -18	27 14	37 15	23.5 -0.4	
BISBEE	MAX MIN	25 3	10 -4	8 -7	18 -1	19 1	16 -1	20 6	21 5	15 11	14 -8	18 3	12 -2	20 -5	15 13	5 -2	13 -23	22 -5	17 -6	23 15	18 6	12 -1	10 5	9 -8	10 -15	5 -19	3 -14	5 -23	10 -10	19 -10	25 15	14.7 -2.2	
BISMARCK W8 AP	MAX MIN	28 4	24 3	16 8	36 6	31 0	33 -1	34 9	32 13	24 10	24 14	24 1	11 1	35 4	36 15	28 5	19 -6	25 -1	27 8	23 -1	23 8	14 7	17 7	16 6	26 8	26 0	8 -20	24 -16	29 10	27 18	38 22	25.5 4.4	
BOTTINEAU	MAX MIN	25 0	10 -8	11 -13	15 -10	17 -4	22 -8	13 -5	25 3	21 9	11 -11	10 -6	16 5	9 -9	31 9	17 -4	10 -12	5 4	15 12	23 5	19 3	21 5	10 -3	13 -3	5 -9	15 -17	12 -25	4 -22	5 -17	15 -2	21 8	14.4 -5.6	
BOWBELLS	MAX MIN	36 2	9 -3	12 -12	16 -1	25 3	25 -4	21 6	26 8	15 10	18 -15	10 -1	10 -8	19 -8	35 17	19 7	16 -10	12 -5	23 9	23 4	22 2	19 5	12 1	13 1	25 2	17 -10	19 -23	18 -23	16 -16	24 -11	20 2	26 6	19.2 -2.6
BOWMAN COURT HOUSE	MAX MIN	41 21	34 15	19 3	33 6	35 6	31 6	33 11	29 22	25 14	25 12	25 6	14 -8	42 4	34 20	30 9	28 11	28 9	33 13	27 8	25 8	22 4	18 5	33 -1	30 20	27 6	26 -18	27 3	30 -12	35 25	43 20	39 17	29.7 8.5
EUTTE	MAX MIN	30 6	16 2	15 0	17 0	32 5	28 8	25 8	33 12	20 1	24 -2	20 -4	13 -4	35 10	30 8	15 -13	10 -2	10 2	22 4	26 5	22 5	20 7	10 1	15 3	1 1	20 -8	22 -20	16 -20	13 -15	20 -11	2 -2	30 15	21.3 -0.6
CARRINGTON	MAX MIN																																
CARSON NO 2	MAX MIN																																
CAVALIER	MAX MIN	22 8	9 -2	6 -5	24 -6	22 5	16 -2	15 -2	18 6	18 9	15 -10	14 -4	13 -2	23 -5	23 11	15 -1	4 -12	5 -19	17 -13	14 -8	24 12	20 6	15 3	7 0	6 -5	11 -15	10 -18	2 -23	6 -15	6 -12	11 -16	20 11	13.9 -4.0
CENTER	MAX MIN	33 8	22 -3	20 4	30 4	29 0	30 -5	35 -2	31 12	22 6	22 10	15 5	38 -2	35 7	25 3	20 -6	24 -4	25 11	22 4	15 8	22 -4	15 8	17 5	15 1	26 -3	20 -18	22 -21	17 -17	37 10	34 15	35 15	25.1 1.1	
COOPERSTOWN	MAX MIN	24 7	15 -3	15 0	31 5	26 5	34 2	33 11	31 10	20 10	18 7	19 6	17 1	26 -7	34 14	18 3	7 -15	13 -15	23 -1	20 -3	23 12	23 4	12 1	13 3	10 -1	17 -19	17 -20	7 -22	4 -4	10 -9	17 7	19.5 -1.0	
CROSBY	MAX MIN	24 2	9 -1	12 -12	22 1	17 -3	20 -1	23 2	29 12	20 -3	10 -1	4 -3	33 -10	34 1	20 15	4 7	16 -1	21 -15	23 -1	22 -3	10 12	13 5	18 6	27 6	28 -8	20 -20	4 -9	29 -16	29 14	27 14	28 15	20.2 1.6	
DEVILS LAKE W8 CITY	MAX MIN	24 1	10 0	14 -3	24 9	25 3	24 5	27 9	21 12	18 10	15 -6	18 7	9 -6	30 -5	34 13	15 -15	7 -15	14 -9	24 5	20 -3	24 11	14 5	10 -2	10 2	9 -8	15 -13	7 -20	4 -12	6 -21	10 -7	20 13	25 13	16.5 -1.3
DICKINSON CAA AP	MAX MIN	30 9	20 8	20 7	32 10	32 7	29 7	32 11	31 13	24 13	20 11	19 -8	17 7	40 14	33 7	30 11	26 10	29 8	30 11	24 6	22 7	15 4	17 -1	28 -2	26 4	27 -1	11 -20	25 -9	30 -15	33 20	42 20	34 20	26.7 5.6
DICKINSON EXP STATION	MAX MIN	45 15	30 9	18 8	20 9	32 2	32 -4	30 5	33 10	26 13	25 8	21 -6	20 -6	22 -6	40 15	24 12	29 12	26 8	30 10	23 9	26 8	23 5	15 6	17 -3	28 7	28 0	25 -17	25 -17	28 -17	30 12	34 12	43 20	27.6 3.9
DRAKE	MAX MIN	32 2	17 0	15 -1	16 4	30 3	27 4	34 5	31 3	26 5	20 -2	11 -4	22 -2	15 -7	34 9	13 -13	8 -7	21 0	25 0	22 0	21 5	12 -2	16 3	10 1	18 -12	22 -20	10 -22	10 -19	13 -19	18 4	30 10	20.1 -2.5	
DUNN CENTER	MAX MIN	40 14	25 -2	17 4	20 6	30 4	35 -4	26 9	32 7	27 9	24 8	19 -8	19 -8	20 -3	38 14	30 6	28 6	21 5	26 6	21 2	23 2	22 0	13 8	17 -4	26 -2	28 -5	27 -24	24 -17	29 -14	31 9	39 9	25.8 0.8	
ECKMAN	MAX MIN	29 8	14 -10	4 -14	15 -16	24 -8	23 -11	19 -8	28 -4	12 -4	12 -21	13 -16	12 -10	13 -12	34 3	20 -5	5 -28	4 -24	19 -4	23 -8	21 -4	20 8	11 -5	16 0	3 -22	14 -24	16 -26	5 -23	7 -23	10 7	15 9	20.1 -9.2	
EDGELEY EXP FARM	MAX MIN	32 14	26 2	28 9	16 7	35 9	33 7	39 8	36 13	34 14	25 14	20 14	24 4	1 -1	35 5	10 10	28 -7	11 -8	19 -8	23 3	20 0	27 8	19 2	16 3	16 -16	23 -16	21 -20	1 -16	15 -15	20 7	28 15	24.2 1.6	
EOMORE 1 W	MAX MIN	24 5	10 -7	12 -6	20 -2	22 -1	22 -4	25 0	22 6	18 10	15 -10	15 5	15 -1	25 -8	29 12	15 -3	8 -17	13 -15	24 -1	25 -5	22 14	22 7	14 3	9 5	9 -5</								

Table 5-Continued

DAILY TEMPERATURES

NORTH DAKOTA
JANUARY 1955

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX MIN	34 6	19 2	15 0	18 0	30 2	27 1	25 4	32 9	25 8	21 5	18 5	21 -5	14 -4	35 10	23 7	22 -5	15 -4	23 3	27 1	24 3	21 5	13 2	16 1	23 4	23 -3	21 -22	20 -22	20 -16	26 -14	26 14	30 17	22.0 0.5
GRAFTON	MAX MIN	23 7	11 -4	9 0	22 -5	21 8	18 -5	18 10	20 1	19 9	14 -5	20 -2	15 1	20 -5	24 14	15 0	4 -14	4 -17	14 -6	15 -7	23 12	22 3	15 3	8 1	7 -4	11 -16	11 -17	0 -30	3 -20	4 -9	14 -18	22 12	14.4 -3.5
GRAND FORKS CAA AP	MAX MIN	22 0	18 -5	10 -1	23 5	19 0	21 -3	24 4	22 9	20 7	15 3	23 6	13 -5	24 -4	25 13	15 -6	1 -13	7 -15	14 -5	18 2	24 15	17 4	11 -2	10 -2	8 -4	12 -15	-8 -20	3 -18	2 -16	2 -18	18 14	19 14	14.6 -2.6
GRAND FORKS UNIVERSITY	MAX MIN	23 5	18 -5	16 -2	25 2	15 7	20 -1	24 11	21 10	20 8	14 3	23 13	20 3	22 -4	24 13	13 0	-13 -13	-6 -15	13 -5	17 -3	24 14	23 6	14 5	7 0	11 -15	-8 -18	2 -21	3 -17	3 -7	16 -10	19 15	19.2 -0.6	
GRAND RAPIDS 1 N	MAX MIN	26 5	27 -2	22 7	37 5	29 4	40 -2	35 3	31 8	24 0	27 16	25 12	22 4	28 -10	37 10	28 7	17 -10	19 -13	24 -5	24 -4	24 10	26 16	20 0	15 5	21 -6	18 -18	14 -15	10 -22	11 -24	18 -8	30 6	31.2 -0.5	
GRANVILLE	MAX MIN	32 0	13 -5	11 -8	31 3	28 -3	27 5	35 10	25 9	21 17	18 -17	22 1	8 -6	32 -6	35 15	21 -4	12 -18	21 -2	29 9	23 3	22 18	19 7	17 5	15 0	19 -12	10 -20	12 -16	11 -21	13 -21	29 0	27 5	21.1 -1.4	
GRENORA	MAX MIN	38 2	13 6	13 -9	15 -8	20 -4	21 -2	24 7	23 4	23 7	18 -4	14 -15	4 17	30 -17	33 17	24 6	17 9	18 9	22 7	22 5	21 12	17 3	17 7	23 -3	25 -6	15 -28	11 -6	25 -6	31 -15	32 -8	33 12	33.2 1.4	
HANKINSON R R STATION	MAX MIN	29 8	28 5	29 3	25 6	29 7	29 6	36 6	35 11	31 16	30 16	29 18	28 7	14 -3	30 6	40 12	32 -5	26 -7	26 -8	29 -2	27 2	26 7	26 3	22 4	15 -3	19 -10	9 -18	4 -15	5 -17	8 -9	21 8	24.7 1.4	
HANNAH	MAX MIN																																
HANSBORO	MAX MIN	24 2	7 -3	11 -11	23 -7	23 7	20 -1	30 1	17 2	15 9	-12 -9	15 -9	10 10	24 -10	28 11	13 -8	5 -19	14 -13	22 9	18 7	21 13	18 6		10 -1	7 -2	11 -19	4 -22	1 -22	7 -16	10 -16	17 -14	22 13	15.4 -4.6
HETTINGER	MAX MIN	42 19	28 13	19 8	34 6	33 6	34 10	33 10	30 21	26 14	28 13	25 5	17 -8	42 4	32 19	8 8	27 11	27 5	30 15	26 6	26 6	21 4	20 7	33 0	28 17	28 -1	26 -17	27 0	31 -14	43 23	45 23	29.7 8.1	
HILLSBORO	MAX MIN	23 11	20 -3	18 3	28 3	27 10	26 0	29 8	24 7	21 11	17 7	25 4	24 15	23 -5	21 17	17 10	10 -10	18 -14	20 -6	25 8	24 14	16 5	16 1	11 1	9 -13	12 -15	12 -21	4 -17	15 -1	17 15	23 15	18.7 0.6	
JAMESTOWN CAA AP	MAX MIN	25 2	21 -1	17 6	36 6	32 5	36 3	35 10	28 11	22 9	22 10	23 10	14 -6	33 -6	35 11	25 -7	13 -10	19 -10	25 -1	22 -3	26 11	17 0	15 5	13 0	19 -12	21 -23	4 -19	13 -17	10 -17	17 6	26 15	29.2 0.3	
JAMESTOWN STATE HOSP	MAX MIN	24 8	21 0	17 6	35 8	30 8	36 5	34 13	28 13	23 10	22 13	22 11	22 1	34 -2	36 13	22 8	11 -9	19 -9	24 1	22 -1	27 17	20 6	14 1	14 5	20 -11	19 -14	13 -17	9 -17	17 2	28 7	28 18	22.6 3.1	
KENMARE	MAX MIN	33 3	12 -3	7 -11	16 -15	23 3	27 3	24 5	27 9	20 10	20 -10	12 -1	13 -6	18 -9	35 15	20 9	13 -10	13 -2	23 9	24 6	23 5	7 7	11 2	14 1	25 3	18 -8	21 -20	15 -13	25 -11	20 -11	28 2	29.0 -1.1	
KENSAL WILDLIFE REFUGE	MAX MIN	31 -3	20 3	20 5	36 6	34 7	34 2	36 12	31 9	28 8	20 13	22 10	20 -6	33 -6	36 15	22 8	15 -13	20 -10	26 11	26 -6	27 16	25 5	16 0	16 5	20 -14	20 -20	14 -16	10 -13	17 0	26 3	30.1 0.1		
LANGOON EXP FARM	MAX MIN	15 2	8 -6	7 -10	18 -1	17 0	20 -3	21 -1	20 10	15 6	12 -16	13 -6	10 -4	23 -11	27 11	12 -8	5 -19	12 -13	22 -1	18 2	21 12	20 2	11 0	9 1	6 -20	8 -25	7 -25	2 -15	9 -16	10 7	23 -5	13.7 -5.5	
LARIMORE	MAX MIN	25 8	10 -5	10 -2	22 -1	27 8	30 2	22 7	20 10	20 5	13 5	19 5	15 1	24 -6	30 14	18 1	8 -12	11 -16	22 -4	18 -7	22 10	14 8	4 4	8 3	-2 -2	14 -18	11 -23	3 -18	8 -18	15 -6	24 11	24.7 -1.1	
LEEOS	MAX MIN	20 4	9 -3	11 5	22 -2	23 3	24 2	28 15	22 8	18 9	18 -14	18 5	14 -6	28 -9	34 14	15 5	8 -20	15 -9	21 8	20 -6	23 18	18 7	13 -4	12 3	11 -18	13 -25	3 -20	4 -22	5 -8	9 -12	19 7	25.6 -2.2	
LINTON	MAX MIN	29 4	38 4	35 8	34 -2	30 -5	30 -5	34 -2	32 2	23 2	31 17	25 19	20 -6	34 2	30 9	30 -3	19 -7	25 0	27 8	22 2	27 11	15 0	14 5	18 1	28 -3	28 -18	26 -25	11 -25	30 6	40 20	38.7 1.1		
LISBON	MAX MIN	25 11	25 -4	25 8	26 4	30 9	29 2	31 5	30 11	23 9	26 15	26 9	24 6	23 -8	36 1	25 9	21 -11	14 -15	23 -6	21 -11	25 15	25 5	15 2	13 -5	14 -7	15 -15	9 -16	7 -20	7 -22	12 2	19 1	26.1 -0.0	
LOSTWOOD 12 N	MAX MIN	34 -1	6 -4	10 -12	18 3	21 1	17 1	21 5	26 10	18 6	8 -7	16 -6	3 -8	32 12	33 5	17 13	10 -7	19 5	21 13	20 2	20 5	12 2	11 2	13 -2	25 -1	18 -22	2 -22	12 -18	15 -24	24 1	26 12	18.6 -0.0	
MAODOCK AGR SCHOOL	MAX MIN	26 5	13 -7	13 3	22 3	23 10	27 10	26 6	18 10	18 6	18 1	20 5	19 -8	27 -8	29 15	19 3	5 -17	15 -8	24 6	21 -3	25 16	26 6	14 -2	16 3	16 -15	15 -23	6 -19	8 -22	15 -22	0 -4	7 7	19.1 -1.9	
MANOAN EXP STATION	MAX MIN	35 11	25 3	23 7	15 4	35 4	31 0	32 2	24 12	29 9	31 13	23 14	23 0	10 1	39 8	30 6	26 -6	18 -1	24 1	26 1	23 5	22 9	13 7	17 5	24 10	26 0	26 -17	24 -16	24 -17	29 -3	27 14	39.2 3.3	
MANOAN FT LINCOLN PARK	MAX MIN	35 3	24 -1	22 8	37 2	32 5	31 1	35 10	32 16	24 9	25 14	24 18	18 0	39 0	36 20	29 1	22 -1	26 -1	27 2	24 12	25 8	18 7	26 6	28 10	29 0	23 -20	25 -16	13 -13	30 10	41 18	37 24	27.7 4.2	
MARMARTH	MAX MIN	38 23	28 12	28 4	32 -4	33 -4	31 -3	33 4	28 25	18 3	40 -3	35 13	30 8	30 18	35 8	30 18	30 15	30 10	35 13	28 5	30 5	20 5	35 -1	32 10	30 3	17 -3	31 17	34 29	42 29	35 11	36 7	30.7 7.0	
MAX	MAX MIN	32 4	18 3	18 -4	18 -4	28 0	25 2	24 4	32 8	25 7	19 3	17 3	20 -3	13 -4	35 8	25 6	20 -5	14 -3	20 2	26 3	23 4	20 4	14 1	15 2	21 2	21 -4	22 -20	18 -16	23 -13	22 -6	32 14	21.0 -0.0	
MAYVILLE	MAX MIN	26 9	17 -5	15 2	31 1	27 7	21 1	26 8	25 9	20 12	16 7	24 6	22 4	23 -4	28 15	15 4	-13 -13	-19 -11	-11 -5	20 15	24 8	16 8	12 -8	15 -2	15 -17	-17 -19	-5 -17	-21 -13	13 -0	18.8 -0.0			
MC CLUSKY	MAX MIN	26 5	18 0	18 3	29 6	27 0	27 2	23 9	28 12	21 7	17 0	23 7	15 -3	32 -5	34 15	19 3																	

Table 5-Continued

DAILY TEMPERATURES

NORTH DAKOTA
JANUARY 1955

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX MIN	38 14	26 12	20 8	33 5	33 1	32 0	35 10	35 20	25 10	25 14	22 4	15 -8	41 2	35 18	30 6	25 13	30 5	32 15	25 5	25 6	18 4	18 7	32 22	28 1	25 -18	26 1	30 -18	34 22	44 20	37 19	29.1 7.2	
NEW SALEM 1 S	MAX MIN	31 7	23 3	15 7	34 9	31 6	32 7	32 11	31 12	23 9	21 10	22 5	11 -3	41 5	33 21	27 8	19 -3	26 0	25 11	21 -2	22 10	14 7	12 7	16 -2	20 3	28 -18	17 -16	25 13	28 10	30 17	36 25	25.3 5.8	
NEWTOWN	MAX MIN	39 7	11 -1	21 -7	25 3	23 -1	21 -4	32 5	30 16	22 13	22 1	13 -1	5 -7	30 5	35 18	22 5	20 3	29 6	25 16	24 5	22 7	17 5	17 -4	13 12	27 12	24 -1	15 -21	23 -13	13 16	30 12	33 8	33 19	23.1 2.8
OAKES	MAX MIN	30 12	25 3	30 9	14 6	30 7	32 -2	35 0	31 9	25 13	28 14	27 6	12 -7	24 4	38 8	27 -7	10 -9	23 -5	23 -5	25 -1	19 3	15 3	15 -5	18 -11	20 -13	-2 -20	16 -15	11 -15	17 4	29 13	22.7 -0.3		
PARK RIVER	MAX MIN	25 7	8 1	10 -6	23 -1	25 13	28 4	30 5	26 10	18 7	14 -4	14 3	12 1	24 -2	28 14	14 0	5 -13	4 -14	22 -4	19 -4	23 9	22 8	16 5	9 -2	7 -2	12 -15	10 -17	1 -19	4 -18	6 -11	14 -5	22 12	16.0 -1.4
PARSHALL	MAX MIN	31 -3	11 -4	13 -8	25 -2	23 -6	23 -9	32 1	30 14	22 11	19 18	18 5	5 -8	33 3	34 18	22 4	20 -5	24 5	28 13	23 3	21 8	15 5	10 2	12 -5	27 -5	23 -6	14 -24	22 -15	17 -19	28 13	29 17	33 15	22.2 0.1
PEMBINA 2 N	MAX MIN	25 -5	25 -11	13 -8	16 -4	19 -5	12 -17	2 -2	14 3	13 10	19 -18	19 -7	2 -2	18 17	20 14	23 -8	5 -20	4 -20	12 -20	12 -5	24 2	18 3	12 2	12 -5	12 -13	6 -21	5 -22	-2 -24	1 -24	2 -19	8 5	18 5	13.0 -10.1
PETERSBURG	MAX MIN	21 5	8 -4	12 -5	22 1	23 3	26 0	28 6	23 9	17 10	15 -1	15 3	12 -1	22 -7	30 12	13 -1	7 -16	12 -12	20 -2	23 -2	21 12	20 3	12 2	7 0	5 -5	12 -20	9 -21	5 -20	0 -22	7 -8	13 -11	18 20	15.4 -2.6
PETTIBONE	MAX MIN	24 5	19 1	18 4	32 4	28 0	31 2	33 9	26 12	19 12	21 12	0 12	32 -7	33 14	21 5	11 -11	21 -6	27 6	22 0	23 16	17 2	13 -2	13 3	19 3	19 -9	19 -18	13 -21	6 -20	18 2	28 6	27 14	21.8 1.2	
PORTAL	MAX MIN	40 0	8 -6	5 -13	14 -11	24 5	23 0	19 2	25 6	17 10	18 -12	7 -5	8 -1	20 7	34 16	19 3	12 -10	12 4	22 5	21 2	20 4	18 8	12 0	16 -1	16 17	18 -14	18 -28	15 -20	24 -6	25 5	25 10	18.3 -3.2	
POWERS LAKE 1 N	MAX MIN	35 -9	10 0	10 -17	10 -3	20 -13	25 -5	27 12	17 8	8 -5	5 -13	3 -15	3 -10	36 0	19 15	20 5	17 -2	21 2	23 7	20 2	20 5	10 3	13 2	16 -1	25 10	10 -11	4 -27	20 -3	15 -22	28 1	28 10	28 15	18.1 -1.5
RAUB 10 SSW	MAX MIN	36 9	19 5	16 -2	32 8	30 8	27 6	32 13	32 9	32 8	19 5	20 -3	6 -6	36 -2	37 9	23 9	20 0	25 5	30 15	24 5	22 10	14 7	16 7	18 -1	32 12	25 -5	18 -18	25 -12	18 -13	30 12	35 15	36 20	25.3 4.5
RICHARDTON ABBEY	MAX MIN	39 17	20 9	17 7	34 9	34 9	29 7	32 14	30 18	24 11	23 10	19 9	13 -6	41 0	37 18	29 11	28 8	28 4	23 6	23 6	17 5	16 8	19 -1	28 14	26 1	25 -15	24 -6	24 -14	29 28	43 20	37 21	27.0 7.3	
RIVERDALE	MAX MIN	36 10	19 4	17 5	18 5	30 6	25 5	25 6	32 9	28 10	21 3	17 0	20 -2	11 -2	34 11	27 0	21 -5	14 -7	23 2	25 4	22 4	20 8	12 5	15 1	22 3	23 1	22 -17	20 -11	26 -11	25 8	33 18	22.7 2.1	
ROLLA	MAX MIN	26 0	6 -3	9 -6	16 -1	31 -3	17 5	22 6	17 0	17 6	14 -9	16 0	10 0	24 -7	28 10	13 -6	9 -18	17 -7	22 11	20 -14	20 13	17 4	12 0	8 5	10 -9	3 -15	2 -21	5 -17	12 -16	17 -12	24 14	15.2 -3.6	
RUGBY	MAX MIN	24 4	10 -2	13 -6	26 6	21 0	21 0	23 6	22 15	19 10	18 -13	20 -3	17 -4	29 -8	33 15	19 2	10 -15	17 -3	24 14	23 0	27 4	20 7	15 -1	15 2	14 12	8 -15	6 -23	16 -16	-8 -24	14 -4	23 13	18.5 -0.9	
SAN HAVEN	MAX MIN	25 1	10 -1	7 -4	17 -1	30 3	18 -1	15 12	23 10	17 11	15 -9	15 -1	15 -3	20 -5	28 12	12 -1	6 -14	14 -2	20 10	17 3	19 15	16 7	12 0	12 0	10 -4	13 -12	5 -20	3 -16	0 -2	15 -9	16 4	27 16	15.2 -0.8
SHARON	MAX MIN	23 5	13 -2	14 -2	29 3	25 6	33 2	32 8	25 10	17 11	15 5	19 5	15 -2	24 -7	34 12	15 1	10 -14	13 -13	22 0	21 -2	23 13	20 4	13 2	11 -2	6 -2	13 -18	13 -21	6 -22	3 -22	9 -22	15 -5	27 9	18.0 -1.5
STANLEY	MAX MIN	35 2	10 -2	10 -12	20 3	20 2	22 7	26 8	26 14	19 8	10 -3	17 -3	22 -8	32 -2	34 14	22 3	15 -5	20 5	22 13	22 0	9 5	10 3	11 -2	26 3	14 -14	-4 -20	4 -14	20 -18	26 -18	26 10	25 5	19.2 0.7	
STEELE	MAX MIN	30 5	25 1	20 5	34 3	33 1	31 4	35 9	31 12	22 10	25 14	24 13	22 -2	32 -2	37 17	25 5	21 -8	25 -5	26 7	26 -3	28 15	25 0	17 1	18 5	24 -4	24 -18	24 -9	12 -17	22 2	32 14	32 18	26.0 2.9	
TOWNER	MAX MIN	27 2	17 -2	15 -11	27 3	21 -2	19 -4	29 3	20 2	20 -3	9 -20	20 -6	10 -10	32 -10	35 10	15 10	17 -16	20 -10	25 2	19 7	24 14	14 6	20 -4	13 -3	11 -2	18 -18	9 -23	7 -20	10 0	18 4	24 3	28 -4	19.1 -4.4
TURTLE LAKE	MAX MIN	30 2	19 0	18 3	32 6	28 1	27 3	34 8	30 11	22 10	20 12	22 10	15 -4	32 -4	35 3	22 6	15 -8	22 -5	24 5	19 7	14 1	16 -2	13 2	22 -4	23 -4	23 -25	18 -17	10 -17	24 1	32 2	32 15	23.3 0.5	
UNDERWOOD	MAX MIN	35 7	19 0	19 4	16 -4	30 8	32 3	27 6	32 9	30 8	21 2	18 0	21 -3	12 -4	36 5	20 7	23 -8	15 -7	22 -1	24 0	23 2	20 4	14 0	16 1	22 2	24 -3	26 -18	19 -17	20 17	26 16	25 18	33 18	23.4 -0.1
UPHAM 3 N	MAX MIN	25 -1	13 -9	10 -8	27 -7	22 -13	20 -14	30 -4	22 12	21 7	19 -23	20 -4	9 -11	30 -10	34 12	19 -1	8 -25	20 -9	27 13	21 -9	24 17	20 7	16 -3	19 -3	15 -2	20 -18	9 -27	8 -21	9 -23	16 -2	19 -12	30 7	19.4 -5.9
VALLEY CITY	MAX MIN	26 12	26 0	20 0	35 9	30 2	33 0	32 10	22 10	22 10	20 12	25 10	23 6	28 -5	35 8	28 9	18 -12	13 -12	21 -2	21 -5	26 14	26 6	15 3	13 5	15 -12	18 -12	12 -17	12 -18	9 -16	14 5	19 2	26 9	22.2 1.4
VELVA	MAX MIN	32 6	13 -3	16 -5	29 9	27 -1	22 4	32 9	27 12	20 7	20 -11	22 5	12 4	28 -5	35 18	21 6	11 -16	20 1	27 8	23 1	19 7	17 3	14 4	20 2	23 -7	12 -18	16 -15	12 -15	22 0	29 -1	27 9	21.6 0.9	
WAMPETON STATE SCHOOL	MAX MIN	27 13	27 1	25 12	25 7	31 4	32 2	32 6	31 12	30 15	27 15	29 19	26 9	27 -6	37 8	24 9	15 -12	17 -12	22 -1	24 1	26 15	25 5	17 4	13 -3	13 4	14 -2	14 -15	4 -19	4 -19	15 1	16 -11	27 11	22.5 2.4
WASHBURN	MAX MIN	36 9	13 5	18 -2	28 9	31 0	24 6	31 10	30 16	24 13	20 1	18 2	6 -9	35 3	35 18	26 6	18 8	28 13	30 15	24 8	24 12	13 6	15 8	29 11	27 7	25 0	19 -25	27 -6	25 -14	30 19	39 13	33 19	25.2 5.8
WATFORD CITY	MAX MIN	40 10	19 6																														

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
JANUARY 1955

Table 7

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALMONT 7 SW	SNOWFALL SN ON GND	1	1	1	1	1			T	T	T	T			T				0.8	1	1	T	T	T	1.8	0.5	0.5	0.4	0.5	0.5	5	T	0.2	
AMENIA	SNOWFALL SN ON GND	T	T	T	T	T	T		1.0	1	1	1.0	2	2	T	1	1	1	1	1	1	1.0	1.0	T	3	3	T	3	T	3	1.0	T	4	
AMIDON	SNOWFALL SN ON GND	T	T	T	T	T	T		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	1.0	1.0	T	T	T	T	2	2	1		
ASHLEY	SNOWFALL SN ON GND									T		0.5	1	1	T	T	T					T	T	1	1	0.5	1.5	2	2	0.5	2	2	2	
BEACH	SNOWFALL SN ON GND	2	2	1	1	1	1	T	1.5	0.5	0.1	2	2	2	1.0	0.5	2	2	2	0.4	2	2	0.3	0.4	2	3.0	T	0.5	0.5	0.3	T	5	4	
BELCOURT INDIAN RES	SNOWFALL SN ON GND	T	2.0	2	2	2	2	2	2	2	2	1.0	T	3	4	4	4	4	T	T	T	T	4	4	0.5	4	4	T	0.5	5	T	0.8		
BELFIELD	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BEULAH	SNOWFALL SN ON GND	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	8	8	9	9	9	9	7	6	6	
BISBEE	SNOWFALL SN ON GND		1.5	1	0.4	1	1	1	1	1	1	1.0	2	2	T	2	2	2	2	2	2	2	2	2	T	2	2	2	2	0.8	T	1.0		
BISMARCK WB AP	SNOWFALL SN ON GND WTR EQUIV	1	T	T	T	T	T		0.3	T	0.3	0.2	T	T	0.6	T	1	T	0.4	T	1	1	0.2	1	2.0	0.3	0.2	T	1.0	T	0.3	2	0.2	
BOTTINEAU	SNOWFALL SN ON GND	0.1	T	2.4	0.3	3	3	3	3	3	T	0.3	T	0.2	0.5	4	5	5	5	5	5	0.1	0.1	0.6	0.1	T	0.6	T	0.1	1.2	T	0.3	0.3	
BOWBELLS	SNOWFALL SN ON GND	1	1	3.0	T	3	3	3	3	3	2.0	4	4	4	0.5	T	T	T	4	4	4	4	4	4	2.0	T	6	6	T	0.5	T	6	6	
CENTER	SNOWFALL SN ON GND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1.5	T	3	3	4	4	4	3		
CROSBY	SNOWFALL SN ON GND	1	3.0	4	4	4	3	3	T	3	3	0.5	4	4	0.1	0.1	3	2	T	2	2	2	2	2	1.1	0.3	3	3	3	3	3	3	3	
DEVILS LAKE WB CITY	SNOWFALL SN ON GND	T	0.1	0.8	T	1	1	1	0.1	1	1	1.5	T	1	0.4	T	2	2	2	2	2	0.3	0.5	T	0.6	T	0.8	0.7	0.2	0.6	T	4		
DICKINSON CAA AP	SNOWFALL SN ON GND	1	T	T	T	T	T	T	0.1	T	0.1	0.1	T	T	0.3	T	T	T	0.3	T	T	T	T	0.1	2.9	0.6	0.5	T	0.4	T	3	3	2	
DICKINSON EXP STATION	SNOWFALL SN ON GND	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DUNN CENTER	SNOWFALL SN ON GND	1	1	1	T	1	1	1	T	1	1	0.7	T	1	1	0.3	1	1	1	0.2	1	1	1	1	1	3.0	T	0.6	0.2	T	5	5	5	
EDMORE 1 W	SNOWFALL SN ON GND	T	T	T	1.5	2	2	2	2	2	2	2	1.5	3	3	3	3	3	3	3	3	3	3	3	0.4	3	0.5	4	-	-	0.8	4	0.6	
ELLEDALE	SNOWFALL SN ON GND	-	-	T					0.7	T	T	0.9	1	1	T	T	T	T	T	T	0.8	1	1	T	0.8	0.5	1	1.5	2	2	0.5	T	2	
FARGO WB AP	SNOWFALL SN ON GND WTR EQUIV	1	T	1	1	1	1	1	0.4	1	1	0.2	0.1	1	0.5	1	2	2	2	2	2	0.5	0.5	T	2	T	0.1	T	0.2	0.3	T	T	3	
FORT YATES	SNOWFALL SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	1.7	1.6	T	3	3	0.2	4	4	2	
FOXHOLM 7 N	SNOWFALL SN ON GND	1	2	2	2	2	2	2	3	3	3	5	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
FULLERTON	SNOWFALL SN ON GND	T	T	T	T	T	T	0.4	T	T	0.3	0.2	1	T	T	T	T				T	0.4	0.2	T	0.3	T	T	3.0	T	0.4	3	3	3	
GARRISON	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GRAFTON	SNOWFALL SN ON GND	-	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
GRAND FORKS CAA AP	SNOWFALL SN ON GND	1	T	0.3	1	1	1	1	0.8	T	1	1.4	0.3	T	0.6	3	3	3	3	3	3	3	3	3	0.6	0.3	0.3	T	0.5	T	T	4	4	
GRAND FORKS UNI	SNOWFALL SN ON GND	2	0.3	2	T	2	2	2	0.7	T	2	1.1	0.3	T	0.6	T	4	4	4	4	4	4	4	4	0.3	0.8	T	0.2	T	0.1	5	4	0.3	
GRANVILLE	SNOWFALL SN ON GND	T	1.0	1	1.0	2	2	2	1.0	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	1.0	5	5	5	5	5	5	5	5	
HANSBORO	SNOWFALL SN ON GND	T	3.5	4	0.5	4	4	4	T	4	4	4	2.0	6	6	2.0	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
HETTINGER	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JAMESTOWN CAA AP	SNOWFALL SN ON GND	T	T	T	T	T	T	T	T	T	0.2	0.3	0.1	1	0.1	T	T	T	T	T	0.1	T	0.1	0.3	0.2	T	1	1	1	0.6	0.6	0.4	T	3
KENSAL WILDLIFE REFUGE	SNOWFALL SN ON GND								0.2	T	T	1.5	1	1	T	1	1	1	1	1	0.5	0.5	0.5	1	0.5	1	1	1	1.5	2	1.0	1.0	4	
KILLDEER 8 NW	SNOWFALL SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	T	1.5	2	2	2	2	2	2	2	2	0.5	2	2	3	6	0.5	0.5	7	7	6	
MANDAN EXP STATION	SNOWFALL SN ON GND	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	0.5	T	T	T	T	T	3	3	T	0.5	0.4	0.5	2	1		
MAYVILLE	SNOWFALL SN ON GND	1	0.3	1	1	1	1	1	0.8	0.1	2	2	0.5	0.8	3	T	3	3	3	3	3	3	3	3	0.3	0.2	T	0.1	0.4	T	3	3	3	
MC CLUSKY	SNOWFALL SN ON GND	T	T	T	0.1	T	T	T	0.6	1	1	0.1	0.2	1	1	1	1	1	1	0.2	1	1	1	1	0.4	1.5	3	3	3	0.4	3	3	3	3
MC HENRY 5 N	SNOWFALL SN ON GND	T	T	T	0.1	T	T	T	0.1	T	1.2	0.2	1	1	1	0.1	1	1	1	1	1	1	1	1	0.3	T	0.3	1	0.2	0.1	1	1	1	1

See reference notes following Station Index.

Table 7--CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
JANUARY 1955

Station		Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
MEORA 4 NNE	SNOWFALL SN ON GNO	1	T	1	1	1	1	1	1.0	0.5	T	T	2	2	1	1.5	3	2	2	2	2	-	1	0.5	T	3.0	0.5	T	2.0	3.0	8	6	5	3	3
MINOT CAA AP	SNOWFALL SN ON GNO	1	0.4	0.5	T			T	0.9	T	T	1.0	0.1	T	0.1	T	2	2	2	T	T	1	T	T	1	0.8	0.4	T	T	0.9	0.2	T	0.2	T	
MINOT EXP STATION	SNOWFALL SN ON GNO	1	1	0.3	0.7	2	2	2	0.3	T	T	1.0	T	3	3	T	T	3	3	3	3	T	2	0.3	2	2	1.5	0.3	3	0.3	T	1.0	0.3	4	
MOHALL	SNOWFALL SN ON GNO	1	2.0	3	0.1	3	3	3	-	4	4	0.2	4	4	4	3	T	3	3	3	3	T	3	3	3	3	2.0	5	-	-	0.5	5	-	5	T
MONTPELIER	SNOWFALL SN ON GNO	T	T	T	T	T			1.3	T	T	0.6	T	2	1	T	1	1	1	1	1	0.2	0.3	T	T	0.6	T	T	0.8	T	0.4	0.5	4	3	
MOTT	SNOWFALL SN ON GNO	1	1						T	T	T	T	T		T				0.5	1	1	T	T	1	2.5	T	3	3	0.5	3	3	3	2	-	
MUNICH 4 SW	SNOWFALL SN ON GNO	1	1.0	2	0.5	2	2	2	T	T	T	T	1.0	T	0.5	4	3	3	3	3	T	3	3	1.0	0.5	T	T	T	T	T	4	4	1.0		
NAPOLEON 1 SE	SNOWFALL SN ON GNO	1	1	1	1	1	1	1	T	1	1	1.0	T	2	0.4	2	2	2	2	2	2	2	0.1	0.1	0.8	1.0	T	T	0.3	4	4	4	4		
OAKES	SNOWFALL SN ON GNO	0.1	T						0.2	0.5	0.5	-	1	1	1	1	1	1	1	1	1	1	1	1	1	T	0.5	T	T	0.5	0.5	0.6	4		
PARSHALL	SNOWFALL SN ON GNO	1	0.5	2	2	2	2	2	T	T	T	2.0	4	3	T	3	3	3	3	T	3	T	3	3	1.5	0.5	5	5	0.5	T	T	6	5		
PETERSBURG	SNOWFALL SN ON GNO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PETTIBONE	SNOWFALL SN ON GNO								0.5	1	1	1	1	1	1	T	1	1	1	1	1	1	T	1	1	0.5	1	1	T	1	1.0	2	2	2	
PRETTY ROCK	SNOWFALL SN ON GNO								T	T	T	T	T		T		T	T	1.0	1	T	T	T	T	2.0	T	2	2	1.0	T	3	3	1	1	
RICHARDSON ABBEY	SNOWFALL SN ON GNO	T	T	T	T	T	T	T	0.2	T	T	T	T	T	0.2	T	T	T	T	0.6	1	T	T	0.1	T	3.0	0.5	T	0.5	0.5	T	T	2	2	
RIVERDALE	SNOWFALL SN ON GNO	T	T	T	T	T	T	T	T	1	1	1	0.5	T	1	1	1	0.2	1	1	1	1	1	1	1	1	4	4	0.5	T	0.3	T	4	4	
ROLLA	SNOWFALL SN ON GNO	T	2.0	2	T	2	2	2	T	0.5	3	1.0	1.0	5	1.0	6	6	6	6	T	6	6	0.3	0.8	T	7	0.5	T	7	0.5	0.2	8	1.0		
SAN HAVEN	SNOWFALL SN ON GNO	1	2.1	T	0.2	3	3	3	T	0.8	4	0.5	0.3	5	1.0	6	6	6	6	T	6	6	0.3	0.7	T	7	0.9	T	8	1.0	T	0.3	0.1		
SHARON	SNOWFALL SN ON GNO	1	0.3	1	T	1	1	1	1.0	T	2	2.0	T	4	T	4	3	3	3	3	3	0.5	0.3	0.2	T	1.0	T	5	0.3	-	-	5	5		
STANLEY	SNOWFALL SN ON GNO	3.0	3	3	2	2	2	2	2	2	2	2.0	4	4	T	4	4	4	4	4	4	4	4	4	0.5	T	5	5	0.5	T	5	5	5		
UPHAM 3 N	SNOWFALL SN ON GNO	T	6.0	6	0.5	6	6	6	0.5	T	5	1.5	2.0	5	2.0	6	6	6	6	T	T	6	6	0.5	T	6	0.5	T	6	2.0	1.0	0.5	0.5		
VALLEY CITY	SNOWFALL SN ON GND	-	-	-	-	-	-	-	0.5	T	T	0.2	T	-	T	-	-	-	-	-	-	-	0.1	0.3	-	-	0.1	-	-	1.0	-	0.2	0.3		
WAMPETON STATE SCHOOL	SNOWFALL SN ON GNO		T						1.3	1	1	0.8	0.5	2	T	T	2	2	2	2	2	0.3	1.2	1.0	T	T	T	0.2	4	0.5	4	4	4		
WESTHOPE	SNOWFALL SN ON GNO	-	3.5	-	1.0	-	-	-	0.5	3	-	1.5	-	-	2.0	4	-	-	-	-	-	0.5	4	4	4	4	1.0	-	0.5	T	5	5	1.0		
WILLISTON WB CITY	SNOWFALL SN ON GNO WTR EQUIV	T	2.0	T	2	1	1	0.4	T	1	1	1.7	0.1	T	3	3	3	3	T	2	3	3	3	3	0.1	0.1	T	2.4	T	T	1.0	T	7		
WILLOW CITY	SNOWFALL SN ON GNO	1	2.0	2	T	2	2	2	2.0	T	3	T	1.0	4	1.0	4	4	4	4	T	3	0.5	3	T	T	T	T	3	3	2.0	0.5	T	T		

STATION INDEX

NORTH DAKOTA
JANUARY 1955

Station	Index No.	County	Drainage ¹	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage ¹	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Adams 7 S	0022	Walsh	10	48 20	98 06	-	8P	Myron J. Bata	3		Helville	5833	Foster	5	47 20	99 02	1625	WID	Edgar S. Stogmeyer	2 3 5	C
Alexander	0096	McKenzie	13	47 50	103 38	2200	7P	Arthur J. Bauman	3		Minot CAA AP	5988	Ward	12	48 15	101 17	1722	WID	U.S. Civil Aero Adm.	2 3 5	7 C
Almont 7 SW	0136	Morton	4	46 43	101 39	2300	7P	Hogan Ramslund	2 3 5	7	Minot Exp. Station	5993	Ward	12	48 10	101 18	1720	8A	N.C. Agri. Exp. Sta.	2 3 5	7 C
Amorose 3 N	0189	Divide	12	48 10	103 28	2027	SS	U. S. Border Station	2 3 5	7	Moffit 4 SE	5913	Burleigh	8	46 40	100 14	1905	SP	U.S. Fish & W.L. Ser.	2 3 5	7 C
Avenia	0196	Cass	11	47 00	97 13	980	SS	Virgil L. Gebke	2 3 5	7	Mohall	6025	Renville	12	48 46	101 31	1639	8P	Iver Johnson	2 3 5	7
Andon	0209	Slope	1	46 28	103 19	2910	8A	Adrian R. Waller	2 3 5	7 C	Mott	6105	Stutsman	5	46 42	98 35	1379	6P	Rolf Hanson	3	7
Antler	0263	Bottineau	12	48 58	101 20	1540	WID	W. H. Wegner	2 3 5	7 C	Mott	6150	Rettinger	14	46 23	102 20	2420	SS	Forrest E. Coffing	2 3 5	7 C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	1600	6P	Albert Thoren	2 3 5	7 C	Mott	6195	Cavalier	2	48 26	98 53	1590	7P	Barold Feldner	2 3 5	7
Ashley	0382	McIntosh	8	46 02	99 22	2025	SS	Soo Line Agent	2 3 5	7 C	Mott	6253	Logan	8	46 29	98 45	1955	6P	Ted C. Frank	2 3 5	7 C
Baldhill Dale	0450	Barne	11	47 02	98 02	1300	WID	Corps of Engineers	2 3 5	7	New England	6315	Hettinger	1	46 33	102 52	2621	6P	Anton Selinger	2 3 5	7
Balfour	0492	McHenry	12	47 57	100 32	1615	3	Raymond E. Keller	3	C	New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550	6P	Richard Steinbach	3	7
Balta	0500	Pierce	11	48 10	100 02	1350	6P	Anton Schmalz	2 3 5	7	New Salem 1 S	6365	Worton	4	46 50	101 25	2163	6P	William F. Gaebe	2 3 5	7
Bantry	0516	McHenry	12	48 30	100 36	1458	9A	Temple K. Roberts	2 3 5	7 C	Northgate	6455	Divide	12	48 53	103 01	1960	6P	Erwin A. Vetruch	2 3 5	7 C
Belcourt Indian Res.	0626	Rolette	9	48 50	99 45	1960	7P	Turtie Mt. Ind. Ag.	2 3 5	7 C	Northgate	6535	Burke	12	49 00	102 16	1450	WID	O.S. Customs Sta.	3	C
Belfield	0639	Stark	4	46 53	101 11	2592	7P	Carl Undergaard	2 3 5	7	Nortonville	6565	La Moure	5	46 33	98 44	1508	6P	Berry L. Erickson	3	7
Berthold	0729	Ward	12	48 19	101 44	2080	6P	Joseph S. Cox	2 3 5	7	Oakes	6620	Dickey	5	46 08	98 85	1829	8A	E. Carrie Murray	2 3 5	7 C
Beulah	0766	Morcor	6	47 16	101 47	1780	6A	Mont. Dak. Wtl. Co.	2 3 5	7	Parshall	6857	Walsh	10	48 23	97 45	1898	6P	Marlin Severson	2 3 5	7
Biehse	0796	Towner	2	48 37	99 22	1600	6P	Robert J. Krick	2 3 5	7	Parshall	6867	Mountrail	8	47 57	102 08	1320	6P	C. E. Shubert	2 3 5	7
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1650	WID	U.S. Weather Bureau	2 3 5	7	Pembina 2 N	6947	Pembina	10	49 00	97 14	1790	4P	U.S. Customs & Imm.	2 3 5	7
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709	5P	KFVR Transmitter	2 3 5	7	Peterson	7027	Nelson	10	48 01	98 00	1524	5P	Rev. Odan Koneon	2 3 5	7
Bottineau	0941	Bottineau	12	48 50	101 27	1640	8A	N.D. Sch. of Pretry	2 3 5	7	Peterson	7047	Kidder	8	47 07	99 51	1855	7P	Arthur J. DeKay	2 3 5	7 C
Bowling	0981	Burke	12	48 48	102 13	1955	8A	Felix H. Adams	2 3 5	7	Peterson	7117	Stutsman	5	47 10	98 54	1572	6P	Jerry W. Tugsey	2 3 5	7
Bowman Court House	0995	Bowman	3	46 11	103 23	2980	5P	O. B. Hook	2 3 5	7	Portal	7201	Burke	12	49 00	102 33	1954	9A	U.S. Customs Serv.	2 3 5	7
Bowman 11 SE	0998	Bowman	3	46 04	103 19	2810	6P	Bernard L. Dosagala	2 3 5	7	Powers Lake 1 N	7281	Burke	8	46 34	102 38	2205	7P	Herbert J. Clark	2 3 5	7
Bowman 30 NW	1001	Slope	7	46 35	103 31	2505	5P	John H. Hanson	3	C	Pretty Rock 1	7311	Grant	1	46 11	101 51	1511	6P	Freda Leer	3	7
Bretton	1052	Morton	4	46 24	100 36	1720	7A	Frank E. Potter	2 3 5	7	Rauh 10 SW	7403	McLean	8	47 30	101 21	1910	8A	Corps of Engineers	2 3 5	7 C
Buchanan	1124	Stutsman	5	47 04	98 49	1572	WID	W. B. Bendrickson	2 3 5	7	Rauh 10 SW	7408	McLean	8	46 36	102 06	1910	6P	Lyle P. Koltan	2 3 5	7
Bute 16 N	1216	Bettinger	1	46 36	102 08	2344	6P	Jacob Gruhele	2 3 5	7	Rauh 10 SW	7450	Adams	3	46 06	102 57	2588	6P	Robert Cullen	2 3 5	7
Butte	1225	McLean	12	47 50	100 40	1850	8A	Carl R. Ward	2 3 5	7	Rauh 14 N	7565	Slope	1	46 18	102 57	2784	6P	Chas. W. Heringer	2 3 5	7
Cando	1288	Towner	2	48 28	99 12	1481	WID	Harry E. Harris	2 3 5	7	Richardson Abbey	7530	Stark	4	46 53	102 19	2470	5P	Assumption Abbey	2 3 5	7 C
Carrington	1360	Foster	5	47 04	98 08	1970	7A	Scott Agard	2 3 5	7	Richardson Abbey	7530	Stark	4	46 53	102 19	2470	5P	Assumption Abbey	2 3 5	7 C
Carson	1365	Grant	4	46 25	101 34	2300	WID	Vincent Muggli	2 3 5	7	Rolette	7555	Rolette	12	48 40	99 50	1615	WID	George F. Gehres	2 3 5	7
Carson No. 2	1370	Grant	4	46 25	101 34	2310	6P	W. D. Drummond	2 3 5	7	Rolette	7684	Rolette	9	48 52	99 50	1825	7P	Theo. B. Fagerlund	2 3 5	7
Cavalier	1425	Pembina	8	46 48	97 38	1880	6P	William Ramslund	2 3 5	7	Rolette	7704	Pierce	12	48 22	100 00	1360	6P	Frank Hornstein	2 3 5	7
Center	1456	Oliver	8	47 07	101 18	2100	7P	Fred L. Beins	2 3 5	7	Ryder	7749	Ward	8	47 55	101 40	2108	6P	S. C. Schellenbaum	2 3 5	7
Colgate	1686	Steele	10	47 14	97 39	1180	6P	John P. Burchill	2 3 5	7	Sas Haven	7824	Rolette	12	48 50	100 02	2001	6P	N.D. State Hospital	2 3 5	7
Columbus	1696	Burke	12	48 54	102 47	1930	5P	J. D. Bundeil	2 3 5	7	Sarles 1 SW	7844	Cavalier	8	48 56	99 00	1602	WID	David E. Madland	2 3 5	7
Comptons	1756	Griggs	1	47 58	98 07	1570	WID	Deland W. Hanson	2 3 5	7	Shenandoah	8057	Deer	11	47 50	99 07	1480	WID	Alvin H. Kennedy	2 3 5	7
Courtesy	1816	Stutsman	5	47 13	98 34	1523	5P	G. H. Hanawalt	2 3 5	7	Shenandoah	7952	Sioux	8	46 01	101 10	2183	7P	L. E. Wilson	3	7
Crosby	1871	Divide	12	48 54	103 18	1954	6P	Vernon V. Nichols	2 3 5	7 C	Sentinelle Butte 20 S	7978	Golden Valley	7	46 37	103 49	2562	7P	G. E. Dury	2 3 5	7
Dawson	2018	Kidder	8	46 52	99 45	1730	WID	Ralph W. Wise	2 3 5	7 C	Sharon	7986	Steele	10	46 36	97 54	1516	8P	Hugh Lyon	2 3 5	7
Devile Lake WB City	2158	Stark	2	48 07	98 52	1471	WID	U.S. Weather Bureau	2 3 5	7 C	Shenandoah 3 N	8047	Reville	12	49 00	101 38	1647	6P	U.S. Customs Serv.	2 3 5	7
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2580	WID	U.S. Civil Aero Adm.	2 3 5	7	Shields	8065	Grant	1	46 14	101 07	1806	6P	Jane W. Hodenbaugh	3	C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	Dickinson Exp. Sta.	2 3 5	7	Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	Leroy Edwards	2 3 5	7
Donnybrook	2242	Ward	12	48 31	101 53	1760	6P	Fred E. Feldner	2 3 5	7	Steele	8366	Kidder	8	46 51	99 55	1857	6P	Steele Odessa Press	2 3 5	7
Drake	2298	McHenry	12	47 55	100 22	1634	8A	Ed. J. Evans	2 3 5	7	Sykeson	8608	Wells	5	47 28	99 24	1634	4P	Edward Sondag	3	7
Dunn Center	2365	Dunn	6	47 21	102 37	2191	8A	Charles C. Neustel	2 3 5	7	Tague	8627	Mountrail	12	48 20	101 36	2178	6P	George N. Pilgrard	2 3 5	7
Eckman	2482	La Moure	5	46 38	100 42	1569	8A	N.D. Agri. Exp. Sta.	2 3 5	7	Turtle Lake 1 N	8840	McLean	8	47 31	100 53	1899	6P	Knut Sondol	2 3 5	7
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P	Mike Davis	2 3 5	7	Tuttle	8850	Kidder	8	47 08	100 00	1880	5P	Theodore C. Dohson	2 3 5	7
Elgin 5 S	2592	Grant	4	46 21	101 49	2241	6P	Art A. Enlinger	2 3 5	7	Underwood	8872	McHenry	12	48 21	100 26	2026	7A	Clarence W. Johnson	2 3 5	7
Ellendale	2600	Dickey	9	48 06	98 21	1460	WID	U.S. Weather Bureau	2 3 5	7	Valley City	8937	Barnes	11	46 55	98 00	1228	6P	Miss I. C. Robertson	2 3 5	7
Enderlin	2695	Ramsey	11	46 38	97 36	2004	7A	Leonard Peterson	2 3 5	7	Valley City	8980	McHenry	12	48 03	100 55	1511	6P	Oscar Anderson	2 3 5	7
Epping	2735	Williams	8	48 17	103 21	2224	6P	T. Beachler	2 3 5	7	Verona	9035	La Moure	5	46 22	98 05	1382	6P	Warren O. Tang	3	7
Esmond	2767	Slope	11	48 02	96 46	1650	WID	Lyle O. Fering	2 3 5	7	Wabaton Power Plant	9058	Richland	10	47 16	96 36	962	WID	Victor Burton	2 3 5	7
Fairfield	2809	Billings	7	47 11	103 13	2750	WID	John Petrynski	2 3 5	7	Walton State School	9100	Richland	10	46 16	96 36	962	5P	St. Sch. of Science	2 3 5	7
Fargo WB Airport	2840	Walsh	10	46 54	98 48	1850	WID	U.S. Weather Bureau	2 3 5	7	Walhalla	9155	Pembina	9	48 55	97 55	950	6P	Felix A. Gastonguay	2 3 5	7
Fessenden	2949	Wells	5	47 39	97 39	1620	6P	Emil E. Rust	2 3 5	7	Warwick	9185	Pembina	11	47 51	98 42	1475	6P	Virgil B. Johnson	3	7
Flasher	3005	Morton	4	46 27	101 14	1930	8A	George M. Sinclair	2 3 5	7	Washburn	9195	McLean	8	47 17	101 02	1770	5P	Judy Borlaug	2 3 5	7
Flaxton	3019	Burke	12	48 54	102 23	1940	6P	Palmer M. Dunham	2 3 5	7	Washburn Water Works	9205	McLean	8	47 17	101 02	1730	WID	Washburn Water Wks	2 3 5	7
Forbes 13 NW	3064	Dickey	5	46 04	102 38	1948	6P	Theodore A. Birch	2 3 5	7	Waulauza, S. D. 8 N	9219	Grant	1	46 02	101 34	2074	6P	W. E. Katus	3	7
Forman	3117	Sargent	10	48 06	97 39	1850	6P	Alvin Bammel	2 3 5	7	Watford City	9233	McKenzie	8	47 48	103 17	2084	6P	J. C. Zeller	2 3 5	7
Fort Yates	3207	Sioux	8	46 06	100 38	1640	5P	Soil Conservationist	2 3 5	7	Watford City 11 E	9238	McKenzie	8	47 47	103 02	-	WID	Ide Peterson	2 3 5	7
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	U.S. Wildlife Ref.	2 3 5	7	Watford City 14 S	9246	McKenzie	7	47 36	103 17	1771	8P	Theo. Roosevelt NMP	2 3 5	7
Fryburg 1 NE	3277	Billings	4	48 53	103 18	2742	WID	Elmer Stuhliener	2 3 5	7	Wildrose	9400	Williams	8	48 38	103 10	225				

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

Ⓞ Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

+ And also on a later date or dates.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

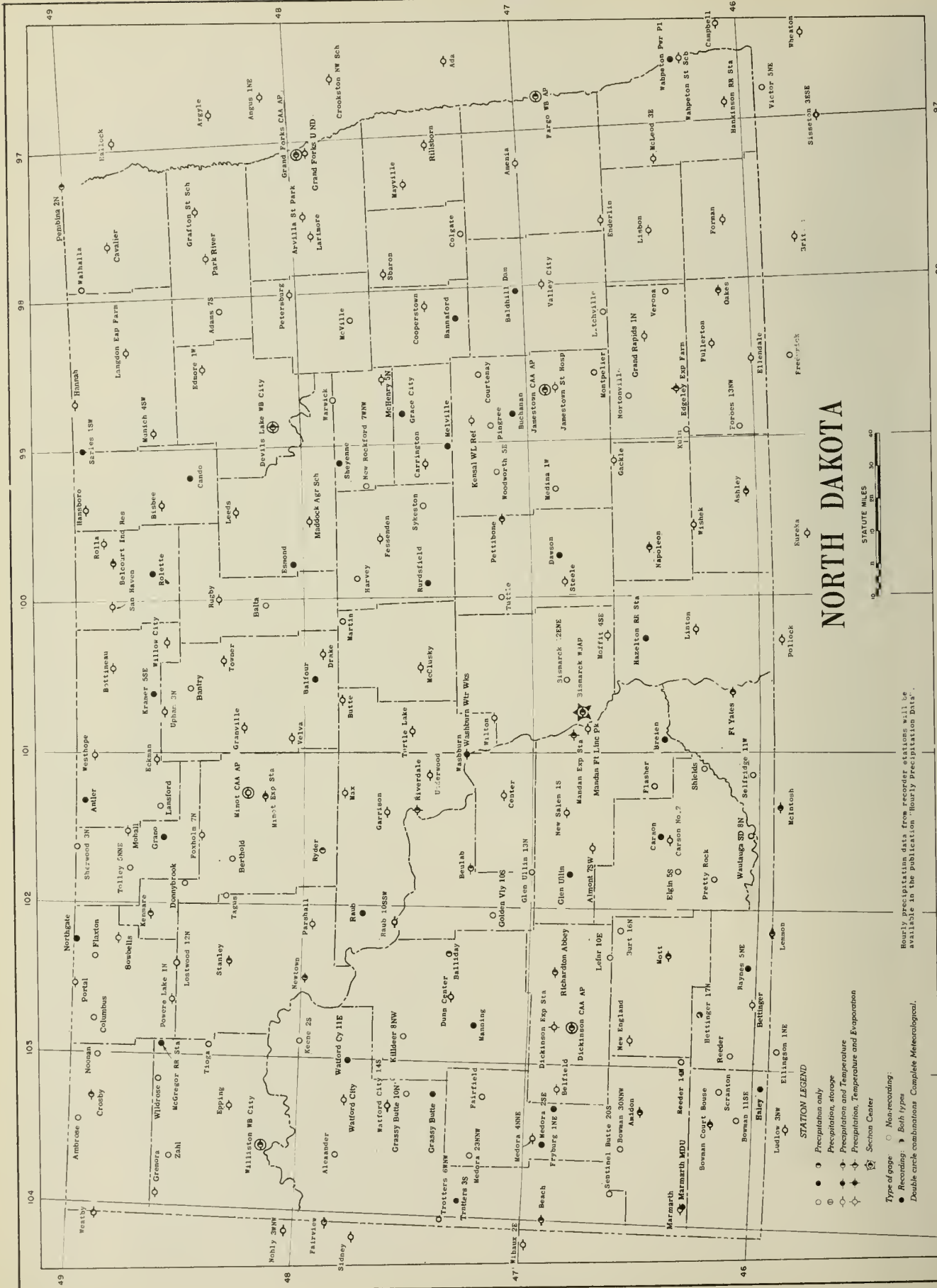
T Trace, an amount too small to measure.

V Include total for previous month.

SS This entry in time of observation column in Station Index means observation made near sunset.

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NWRC, ASHEVILLE, N. C. -- 3-16-55 -- 880



NORTH DAKOTA

STATUTE MILES
0 10 20 30 40

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

- STATION LEGEND**
- Precipitation only
 - Precipitation, storage
 - Precipitation and Temperature
 - Precipitation, Temperature and Evaporation
 - Section Center
- Type of spot:**
- Non-recording
 - Recording
 - Both types
 - Double circle combinations Complete Meteorological.

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p 2

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

THE LIBRARY OF THE
MAY 31 1955
UNIVERSITY OF ILLINOIS

FEBRUARY 1955
Volume LXIV No. 2



NORTH DAKOTA - FEBRUARY 1955

WEATHER SUMMARY

February was cold with many cloudy days. Precipitation averaged 11 per cent more than normal. Snowfall averaged 7.0 inches which is exceeded in only about one February out of four. The cold temperatures interfered with outdoor work. Livestock required heavy supplemental feeding.

Temperatures during the first eight days averaged several degrees above normal. An invasion of Arctic air brought minimum temperatures to about 15° below zero on the 9th and even colder temperatures for the following three days. The temperature at Oakes plunged to 38° below zero on the 11th. Many other stations registered their coldest temperatures during this period. Temperatures over parts of the State rose to above normal on the 13th and the next several days were the warmest of the entire month. The mean temperature at Devil's Lake, for example, was 23° above normal on the 17th. All stations except one registered their warmest temperatures on 14th to 17th. The highest was 49° at Hettinger on the 16th. The warm spell was ended by a cold front which moved across the State on the 17th dropping temperatures far below zero again. It remained cold to the end of the month. The 24th was especially cold with many readings 20° below zero or colder. The coldest was 45° below zero at Belcourt.

There were numerous cloudy days and many days with light snow. Blizzard conditions with moderate snow occurred over the west on the 17th. There was a severe blizzard with moderate to heavy snow and strong northerly winds over the east on the 20th. Drifts two to three feet deep formed in the city and five to six foot drifts formed in the nearby open country.

The snow cover and the cold temperatures made heavy supplemental feeding of livestock necessary throughout the month. Feed supplies were plentiful, however, and the animals remained in good condition through most of the month. The prolonged cold spell from the 18th to the end of the month was harmful to the stock but no losses were reported to the Weather Bureau. Most of the month was too cold for much outdoor work. Only the necessary outdoor chores were done. The blizzard on the 20th blocked highways and side roads over the eastern third of the State. Side roads remained snowbound for several days after the 20th.

Lucius W. Dye

SUPPLEMENTAL DATA

NORTH DAKOTA
FEBRUARY 1955

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation								Percent of possible sunshine	Average sky cover	sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total				
BISMARCK W8 AIRPORT	NNW	13	12.4	47	NW	18	82	82	71	76	8	9	1	0	0	0	18	67	7.0		
DEVILS LAKE W8 CITY	-	-	8.9	37	N	20	-	-	-	-	17	5	1	0	0	0	23	60	6.8		
FARGO W8 AIRPORT	SSE	16	14.3	47	N	20	75	76	73	75	11	3	3	0	0	0	17	54	7.9		
WILLISTON W8 CITY	-	-	6.6	26	N	18	-	75	64	71	9	9	1	0	0	0	19	54	7.3		

COMPARATIVE DATA

FEBRUARY

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall
1892	10.0	62	-45	0.58	4.9	1917	-0.7	61	-39	0.66	7.1	1942	14.1	57	-30	0.36	4.6
1893	-0.3	52	-41	0.58	5.7	1918	10.8	60	-48	0.22	2.3	1943	15.1	62	-32	0.50	6.4
1894	8.0	55	-54	0.22	2.3	1919	7.7	58	-41	0.62	6.5	1944	11.2	50	-43	0.29	4.3
1895	5.9	65	-40	0.36	3.6	1920	12.5	55	-40	0.30	3.2	1945	15.1	52	-29	0.36	4.6
1896	14.3	64	-50	0.41	4.3	1921	19.9	64	-36	0.39	3.8	1946	10.4	60	-40	0.66	8.1
1897	6.1	52	-29	1.16	11.5	1922	0.7	45	-33	1.19	12.8	1947	8.8	54	-36	0.40	3.5
1898	13.3	65	-40	0.46	4.5	1923	4.1	48	-39	0.64	7.2	1948	7.0	60	-37	0.99	12.7
1899	0.4	60	-34	0.20	1.9	1924	20.3	67	-40	0.39	4.2	1949	2.1	57	-40	0.46	6.3
1900	1.3	46	-48	0.47	4.5	1925	16.5	62	-27	0.29	3.6	1950	8.9	54	-41	0.33	4.4
1901	7.1	60	-48	0.31	2.9	1926	22.3	58	-29	0.41	3.7	1951	11.4	65	-37	0.80	10.1
1902	12.1	51	-31	0.98	6.7	1927	13.3	50	-19	0.36	3.1	1952	17.4	51	-31	0.59	7.5
1903	3.1	46	-33	0.38	3.7	1928	18.8	59	-31	0.11	1.2	1953	18.7	54	-27	0.33	3.2
1904	-2.1	52	-49	0.69	7.6	1929	2.8	44	-19	0.29	3.3	1954	30.4	64	-27	0.23	0.9
1905	8.2	64	-42	0.31	2.9	1930	21.7	63	-44	1.18	11.7	1955	7.5	49	-45	0.52	7.0
1906	9.8	57	-46	0.18	1.4	1931	28.0	62	-30	0.28	2.9						
1907	10.7	58	-38	0.33	2.8	1932	13.6	59	-31	0.32	4.3						
1908	13.8	62	-49	1.04	10.1	1933	7.9	58	-45	0.28	3.3						
1909	9.6	56	-34	0.34	3.7	1934	19.5	61	-30	0.06	0.7						
1910	3.4	56	-34	0.59	5.6	1935	24.0	63	-25	0.20	1.9						
1911	7.3	55	-50	0.70	8.0	1936	12.9	43	-60	0.70	9.1						
1912	11.8	48	-38	0.15	1.7	1937	6.8	55	-35	0.49	6.6						
1913	8.5	64	-33	0.09	1.0	1938	7.2	60	-35	0.68	8.6						
1914	1.0	57	-44	0.34	3.8	1939	-0.8	51	-46	0.63	9.7						
1915	17.4	50	-47	0.62	6.1	1940	15.0	52	-29	0.61	7.8						
1916	6.4	55	-20	0.48	4.8	1941	12.2	57	-40	0.22	2.8						

Averages for the period 1949 to date have been weighted according to area and are not comparable with unsighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature										Precipitation														
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days				
											Max.	Min.	30" or Above	32" or Below					32" or Below	0" or Below	Total	Max. Depth on Ground	Date	.18 or More ^①	.50 or More	1.00 or More
EASTERN DIVISION																										
AMENIA		17.1	- 3.3	6.9	- 2.2	35	14+	-28	24	1624	0	22	28	20	0.97	0.38	0.70	20	12.0	10	28	2	1	0		
ARVILLA STATE PARK		15.7	- 6.3	4.7		36	14	-39	24	1687	0	24	28	20	0.62		0.35	20				2	0	0		
CARRINGTON																										
CAVALIER		14.3	- 4.6	4.9	- 1.2	37	14	-32	24	1682	0	25	28	19	0.63	0.12	0.40	20	6.3	11	28	1	0	0		
COOPERSTOWN		16.6	- 3.5	6.6	- 1.2	37	16	-29	12	1633	0	24	28	17	0.57	0.05	0.26	20	12.8			1	0	0		
DEVILS LAKE W8 CITY		14.0	- 3.5	5.3	- 3.4	37	16	-25	12	1671	0	25	28	20	0.69	0.28	0.36	20	7.1	7	28	1	0	0		
EDGELEY EXP FARM		17.4M	- 4.9M	6.3M	- 0.5	39	15	-26	12	1654	0	22	28	22	0.80	0.32	0.40	21		7	21	0	0	0		
EMORE 1 W		15.4	- 3.8	5.8	1.0	35	16+	-28	12+	1654	0	24	28	17	0.19	- 0.22	0.06	20+	3.3	6	28	0	0	0		
ELLENDALE		19.3	- 0.8	9.3	- 3.8	43	14	-27	12	1556	0	23	28	14	0.98	0.49	0.48	20	16.2	9	21+	2	0	0		
ENDERLIN		17.1M	- 4.7M	6.2M		38	15	-27	12	1642	0	25	28	20	0.91	0.75	0.21	20	18.0	13	21	2	1	0		
FARGO W8 AP		15.1	- 3.5	5.8	- 5.0	36	17	-26	12	1655	0	24	28	17	0.97	0.31	0.42	20	12.0	8	20+	3	0	0		
FORMAN		19.1	- 1.3	8.9	- 3.0	38	17	-27	12	1564	0	22	28	17	1.40	0.90	1.11	20				2	1	1		
FULLERTON		19.0	- 1.6	8.7	- 3.7	41	14	-28	12	1572	0	22	28	17	1.51	0.80	0.72	20	15.1	11	23+	3	2	0		
GACKLE		16.6M	- 4.5	6.2M	- 4.3	38	16	-30	12	1642	0	24	28	19	0.83	0.38	0.53	20	9.1	7	20+	2	1	0		
GRAFTON		14.2	- 5.3	4.5	- 2.8	34	14	-31	24	1693	0	23	28	19	1.45	0.88	0.70	20	20.4	18	20+	3	2	0		
GRAND FORKS CAA AP		13.7	- 6.2	3.8	- 3.9	35	14+	-29	24	1715	0	25	28	20	1.54	0.98	1.20	20	10.7	11	21+	2	1	1		
GRAND FORKS UNIVERSITY		13.8	- 2.9	5.5	- 2.2	36	14	-28	24	1664	0	23	28	18	0.96	0.40	0.60	20	11.3	14	27+	3	1	0		
GRAND RAPIDS 1 N		19.0	- 3.9	7.6		39	14	-34	12	1605	0	22	28	19	0.98	0.55	0.20	20	11.5	12	23+	2	1	0		
HANKINSON R R STATION		20.9	- 2.2	9.4	- 4.7	37	16+	-24	12+	1555	0	22	28	20	0.92	0.38	0.27	24				5	0	0		
HANNAH		13.3M	- 7.0M	3.2M	- 0.6	37	17	-30	12	1744	0	23	28	21	0.64	0.05	0.26	20	5.1	7	21+	2	0	0		
HILLSBORO		16.1	- 3.8	6.2	- 4.0	37	14	-27	24	1645	0	23	29	20	0.86	0.41	0.32	20	13.5			3	0	0		
JAMESTOWN CAA AP		16.1	- 4.4	5.9	- 4.0	40	16	-29	12	1656	0	23	28	20	0.73	0.14	0.56	20	8.2	7	21+	1	1	0		
JAMESTOWN STATE HOSP		16.6	- 1.6	7.5	- 2.4	40	16	-28	12	1605	0	24	28	17	0.34	- 0.25	0.20	20	6.8			1	0	0		
KENSAL WILDLIFE REFUGE		18.0	- 4.0	7.0	- 0.4	40	14+	-30	12+	1619	0	24	28	16	0.37	0.29	0.20	20	6.2	5	27	1	0	0		
LANGDON EXP FARM		14.7	- 6.0	4.4	- 0.4	33	16+	-30	12	1646	0	26	28	19	0.73	0.10	0.40	20	7.4	9	21+	3	0	0		
LARIMORE		15.5	- 4.4	5.6	- 2.1	36	14	-31	24	1660	0	24	28	20	0.87	0.32	0.56	20	8.9	13	27	2	1	0		
LISBON		17.9	- 4.7	6.6	- 5.0	37	17	-33	12+	1633	0	23	28	19	0.79	0.20	0.35	4	9.5	9	4+	2	0	0		
MAYVILLE		15.9	- 4.2	5.9	- 3.9	36	14	-31	24	1653	0	24	28	19	1.30	0.86	0.76	20	15.7	14	20+	3	1	0		
MC HENRY 5 N		14.8	- 4.4	5.2	- 0.2	36	16	-30	12	1669	0	23	28	18	0.53	0.08	0.26	20	7.0	8	27+	2	0	0		

CLIMATOLOGICAL DATA

NORTH DAKOTA
FEBRUARY 1955

TABLE 2 - CONTINUED

Station		Temperature										Precipitation												
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
											Max.		Min.						Total	Max Depth on Ground	Date	10 or More [°]	50 or More [°]	100 or More [°]
											32° or Above	32° or Below	32° or Below	0° or Below										
MC LEO 3 E		19.5		3.8		38	16				0	22	28		1.12	0.56	0.54	20	14.7			3	1	0
MUNICH 4 SW		13.3	- 5.8			33	14+	-27	24	1713	0	26	28	20	0.41	0.32	0.32	20		7	20+	1	0	0
OAKES		17.9	- 4.9	6.5	- 6.4	39	15	-38	11	1634	0	24	28	19	0.86	0.40	0.39	20		8	24+	2	0	0
PARK RIVER		15.0	- 3.6	5.7	- 2.0	35	16	-26	12+	1658	0	24	28	18	0.29	- 0.13	0.08	20		6	27+	0	0	0
PEMBINA 2 N		13.7M	-11.0M	1.4M	- 1.4	35	14+	-42	24	1791	0	25	28		1.02	0.40			11.0					
PETERSBURG		14.8	- 3.7	5.6		33	14+	-27	12	1663	0	25	28	17	0.54	0.04	0.22	20		7	27+	2	0	0
SHARON		15.3	- 3.7	5.8	- 3.7	35	16	-27	12	1654	0	26	28	19	1.03	0.55	0.60	20	14.3	15	28	3	1	0
VALLEY CITY		19.1M	- 0.5M	9.3M	- 2.2	39	14			1552	0	28	14		0.82	0.23			8.8					
WAHPETON STATE SCHOOL		20.4	- 2.9	8.8	- 3.6	38	15+	-28	11+	1569	0	22	28	17	1.04	0.57	0.57	20	13.6	11	20+	3	1	0
DIVISION				6.1	- 2.9										0.84	0.29			10.9					
MIDDLE DIVISION																								
ASHLEY		17.5	- 1.8	7.9	- 3.5	38	14	-30	12	1598	0	23	28	19	0.67	0.22	0.30	20	9.5	8	23+	2	0	0
BELCOURT INDIAN RES		14.6	- 7.3	3.7		40	14+	-45	24	1715	0	26	28	19	0.36		0.13	4		9	21+	1	0	0
BISBEE		14.5M	- 4.1M	5.2M	- 1.3	37	17	-27	12	1672	0	25	28	18	0.21	- 0.15	0.08	20	1.8	4	1+	0	0	0
BISMARCK WB AP		19.4	- 2.9	8.3	- 4.4	43	16	-29	12	1586	0	23	28	16	0.43	0.00	0.10	23	6.2	4	11	1	0	0
BOTTINEAU		12.6	- 7.4	2.6	- 2.3	37	18	-33	24	1745	0	27	28	19	0.25	- 0.11	0.06	7	2.5	11	8+	0	0	0
BUTTE		15.3M	- 3.2M	6.1M	- 7.0	40	18	-24	24	1650	0	25	28		0.15	- 0.38	0.05	4+	3.0	6	4+	0	0	0
CARSON NO 2																								
CENTER		20.8	- 3.3	8.8	- 3.7	41	14+	-29	12	1572	0	22	28	20	0.63	0.21	0.20	8	5.0	5	27+	5	0	0
ORAKE		15.2	- 4.3	5.5	- 4.9	41	18	-27	11	1666	0	25	28	17	0.44	- 0.03	0.20	18		6	18+	2	0	0
ECKMAN		15.7	- 9.4	3.2	- 4.3	45	18	-31	12+	1729	0	25	28	19	0.09	- 0.26	0.09	18	1.1	5		0	0	0
FESSENDEN		16.4M	- 3.9	6.3M	- 3.4	40	16+	-30	24	1649	0	28	17		0.87	0.35	0.37	20	7.0	5	4+	3	0	0
FORT YATES		24.3	- 1.0M	12.7M	0.1	46	14	-24	12+	1403	0	21	28	15	0.20	- 0.26	0.07	4	5.5	4	4+	0	0	0
FOXHOLM 7 N		19.0	- 3.2	8.2	- 3.8	40	14+	-30	24	1586	0	23	28	18	0.19	- 0.28	0.07	4		7	4+	0	0	0
GARRISON		16.6	- 2.8	6.9	- 4.2	40	18	-26	10+	1626	0	24	28	18	0.24	- 0.27	0.10	4				1	0	0
GRANVILLE		19.4	- 2.4M	8.5M	- 1.5	44	16			1541	0	24	28	20	0.07	- 0.36	0.04	27	1.0	8	1+	0	0	0
HANSBORO		15.1M	- 5.9M	4.6M	- 1.5	43	17	-30	24	1690	0	26	28	21	0.23	- 0.27	0.10	21	3.4	11	25+	1	0	0
LEEOS		14.0	- 4.9M	4.6M		37	17	-30	12	1684	0	26	28	18	0.66		0.35	20	8.0	7	28	2	0	0
LINTON		16.7	- 2.6	9.0	- 4.8	41	14+	-31	24	1565	0	22	28	17	0.60	0.18	0.17	20	8.5	8	4	2	0	0
MAODOCK AGR SCHOOL		16.7	- 5.1	5.8	- 4.4	38	17	-32	12	1654	0	25	28	18										
MANOAN EXP STATION		17.1	- 1.6	7.3	- 4.8	42	17	-28	12	1604	0	23	28	16	0.31	- 0.08	0.08	4+	6.8	4	4+	0	0	0
MANDAN FT LINCOLN PARK		22.2	0.0	11.1		42	14+	-27	12	1502	0	21	28	14	0.28		0.12	8	5.0	3	8+	1	0	0
MAX		15.9	- 4.4	5.8	- 3.8	40	18	-27	11	1655	0	24	28	17	0.80	0.35	0.35	18	5.7	7	28	3	0	0
MC CLUSKY		17.0	- 2.8	7.1	- 4.7	38	16	-27	10+	1616	0	23	28	17	0.15	- 0.37	0.04	18	1.0	3	1+	0	0	0
MINOT CAA AP		16.2	- 2.8	6.7	- 3.5	39	14+	-25	10	1630	0	24	28	17	0.36	- 0.07	0.07	4	3.8	5	7+	0	0	0
MINOT EXP STATION		14.9	- 3.6M	5.7M		38	17+	-24	10+	1675	0	25	28	19	0.17		0.06	18	3.0	6	27+	0	0	0
MOFFITT 4 SE		20.1	- 2.4	8.9		40	14+	-32	12+	1567	0	22	28	16	0.36		0.12	20	4.0	6	23+	1	0	0
MOHALL		14.7M	- 7.6M	3.6M	- 3.9	37	14	-28	10	1725	0	28			0.21	- 0.14	0.09	27				0	0	0
NAPOLEON		17.9	- 2.6	7.7	- 1.1	40	14	-30	12	1601	0	23	28	17	0.50	0.09	0.19	4		6	4+	1	0	0
NEW SALEM 1 S		20.1	- 0.9	9.6	- 3.4	40	16	-26	10	1549	0	23	28	17	0.66	0.22	0.20	8	8.8	6	8+	2	0	0
PETTIBONE		15.6M	- 4.5M	5.6M	- 3.4	38	16	-29	11	1675	0	24	28		0.80	0.41				5	23+			
RIVEROALE		15.7	- 2.5	6.6		39	17	-24	10+	1631	0	23	28	16	0.40		0.11	18	3.3	5	9+	1	0	0
ROLLA		15.1	- 5.4	4.9	- 1.9	40	14	-28	24	1681	0	26	28	20	0.57	- 0.10	0.14	18		13	28	2	0	0
RUGBY		16.0	- 4.5	6.1		37	17	-27	10+	1650	0	24	28	18	0.39	- 0.06	0.15	18		13	28	1	0	0
SAN HAVEN		16.5M	- 3.4	6.6M	- 0.1	41	14+	-30	24	1621	0	25	20	18	0.38	- 0.04	0.10	21	4.7	13	21+	1	0	0
STEELE		20.6	- 3.0M	8.8M	- 0.8	39	14+	-27	12	1570	0	22	28	17	0.48	- 0.10	0.14	4	11.5	6	8	2	0	0
TOWNER		16.6	- 5.0M	6.5M	- 1.4	40	17	-28	24	1642	0	23	28		0.29	- 0.19	0.12	18	6.0	14	27+	1	0	0
TURTLE LAKE		17.1	- 2.0	8.3	- 1.3	38	16+	-28	10	1586	0	22	28	18	0.32	- 0.13	0.10	27				1	0	0
UNDERWOOD		17.2M	- 4.4M	6.4M	- 7.9	45	18	-28	11	1642	0	28	18		0.39	- 0.05	0.12	4		13	9+	1	0	0
UPHAM 3 N		17.4	- 8.4	4.5		38	14+	-36	24	1688	0	25	28	20	0.10		0.08	4				0	0	0
VELVA		18.8	- 1.9	8.5	- 2.9	42	16	-26	12	1574	0	23	28	18	0.39	- 0.11	0.15	18	4.5	6	4+	1	0	0
WASHBURN		19.4	- 1.5	9.0	- 1.7	38	14+	-25	10+	1567	0	23	28	17	0.04	- 0.35	0.03	23	1.2			0	0	0
WESTHOPE		13.8	- 8.5	2.7	- 5.0	36	17	-34	10	1744	0	26	28	19	0.20	- 0.12	0.07	4+		7	7	0	0	0
WILLOW CITY		15.6	-10.1	2.8	- 2.3	41	17	-38	24	1744	0	26	28	24	0.17	- 0.37	0.06	4	3.5	6	4+	0	0	0
WILTON		16.6M	- 2.4	8.1M	- 2.2	38	16+	-27	10+	1575	0	28	18		0.35	- 0.04	0.08	8+		6	8+	0	0	0
WISHEK		17.6M	- 6.8M	5.4M	- 4.8	39	14	-32	12+	1729	0	23	28											
DIVISION				6.7	- 3.3										0.37	- 0.07			4.8					
WESTERN DIVISION																								
ALMONT 7 SW		21.4	1.2	11.3		40	17	-25	10	1500	0	20	28	16	0.42		0.20							

DAILY PRECIPITATION

NORTH DAKOTA
FEBRUARY 1955

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S	.39				.03	.02		T		.02									.04		.15	.06						.03	.04			
ALEXANDER	.38					.18			.13										.07				T									
ALMONT 7 SW	.42	T		.03	.02	T	.01		.20										.06					.04				.06	T			
AMBEROSE 3 N	.11																		.01				T	.01		.05	.01	.02				
AMENIA	.97				.12														.05		.70			.01			.05	.01	.04	.05		
AMISON	.16		T	T	.07		T		.09	T									T													
ARVILLA STATE PARK	.62				T			.02											.15		.35	T		T				T	T	.06	.04	
ASHLEY	.67			.01	.20	T			.08												.30				.02				.05	.01		
BALTA	.45	.01	.01	.04	.03						T	.02	.02								.05	.06			.03			T	.18			
BANTRY	.07		T	T	T						T																			.07		
BEACH	.77			.01	.11	.04	.06	.01	.14	.04		.01							.22			T	T	.06			T	.04	.03			
BELCOURT INDIAN RES	.36				.13			.03											.06		.04	.06				.01		.03				
BELFIELD	.62	T	.05	.15	.10	.10	.04											T	T		.04	.03	.06	T	T		.01	.03	T			
BERTHOLO	.23	.02			.06	T					.01								.09				T					.05	T			
BULAM	.19				T			.03	.14		T								T					.02				.05				
BISBEE	.21				.05			T											.04		.08							.04				
BISMARCK W8 AP	.43	T	.01	.04	.04	T	T	T	.07			.04						T	.03				.04	.10	T	T	T	.05	.01			
BISMARCK 12 ENE	.57	T																														
BOTTINEAU	.25	T	T	T	.03	.03	T	.06	.05		.02								.01			T			.02		.01	T	.02	T		
80WBELLS	.10				.05	T	T	T	T		T														T		.05	T				
BOWMAN COURT HOUSE	.26		T	.06	.20	T	T												T				T									
BOWMAN 11 SE	.07													.04	T														.03			
BOWMAN 30 NNW	.39	T	T		.20	T		.07	T										.06										.04			
BURT 16 N	.46		.07		.21	T	.04		.08										.02													
BUTTE	.15				.05	T		T		T									.05										.05	T		
CARRINGTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CARSON NO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CAVALIER	.63	T			.04	T		.03	T										.06		.40	.05								.02		
CENTER	.63		T	T	.10	T		T	.20				T						.10										.12			
COLGATE	.26				.06	T	T												.03		.05								.07	.05		
COLUMBUS	.15																		.09					.01		.03		.02				
COOPERSTOWN	.57	T	T		.06	T	T	T	.02	T									.08		.26	.06						.04	.05			
COURTENAY	.75	.05			.08																.48								.10	.04		
CROSBY	.09	T	T	T	T	T	T	T	T	T	T	T	T						.02	.01			T	.01		.03	T	.02				
DEVILS LAKE W8 CITY	.69	T	T	T	.07	T	T	T	T	T	T	T	T						.09		.36	.03	T				T	T	.03	.09	.05	
DICKINSON CAA AP	.91	.01	.01	.05	.06	.15	T	.01	.14	.02	T	T							.14	.21		T	.04	.01		T	.03	.03				
DICKINSON EXP STATION	.70	T	T	.02	.11	T	.05	.01	.04	.06									.32			T	T	.05	.01	T	T	.03				
OHMYSBROOK	.57				.12	T	T		T	T				.03						.20		.02		T	.02	.04	T	.20	.20	.05		
ORAKL	.44							T			.25																					
DUNN CENTER	-				.08		.01	T	T										.11		.02	.02	-	-	-	-	-	-	-	-	-	
ECKMAN	.09		T	T	T			T			.03								.09													
EDGELEY EXP FARM	.80				.17	.03								.02					T		.05	.40		.05	.03		T	T	.02	T		
EDMORE 1 W	.19							T											.03		.06	T							.04	.06		
ELGIN 5 S	.26	T	T	T	.13	T	.08	T	.05										T	T												
ELLENDALE	.98	T	T	T	.28	T			.04											.03	.48	.07		.04	T	T	T	T				
ENDERLIN	.91	-	-			.16	T	-	-	-	-	-	-	-	-	-	-	-	-	-			.75									
EPPING	.47	-	-					-	-	-	-	-	-	-	-	-	-	-														
FAIRFIELD	.97	T	T	T	.12	T	.06		.16	T									.04										.03	.04		
FARGO W8 AP	.97	T			.24	T		T	T										.15		.08	.42	T						.01	.07		
FESSENDEN	.87				.08														.17		.37	.15		.07					.03			
FLASHER	.29				.11	T				.10									.04	T					.02				.02			
FLAXTON	.24	.01	T	.01	.05	T	.01	T	T										T				T	.01		.03	T	.04	T			
FORBES 13 NW	1.30	T	T		.20	T	T		.10										T													
FORMAN	1.40				.20	T	T												T		E .60		E .10									
FORT YATES	.20			.01	.07		.04		.05										T		1.11								.04	.01		
FOXHOLM 7 N	.19	T	T	T	.07	T	T	T	.01			.02							.04										.05	T		
FULLERTON	1.51	T			.22				.05										.02		.06	.72		.17	T			.02	T			
GACKLE	.83				.20																											
GARRISON	.24	-	T	T	.10	T	T	.01	T	.02			.01						.06					.01	T			.03	T			
GLEN ULLIN 13 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GOLDEN VALLEY 10 S	.42	T	T	.04	T	.02																										

DAILY PRECIPITATION

NORTH DAKOTA
FEBRUARY 1995

Table 3--Continued

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ROCKFORD 7 WNW	.11				.04			T								T					.07			T	.06							
NEW SALEM 1 S	.66	T	T	.08	.14	T	.05		.20									T	.08								T	.05				
NEWTOWN	.40				.10	E .05			.05										.15						.05							
NOONAN	.30																		.07						.05							
NORTONVILLE	.66																		.16			.51	.04								.06	
OAKES	.86	T	T		.26	.05	T		.02	T	T						T			.05	.39	.05		.03	.03	T		T		T		
PARK RIVER	.29				.04							T							.06		.08	.02							.07			
PARSHALL	.19	T	T	.01	.04	T			T			T							.07					.04		T		T		.01		
PENBINA 2 N	1.02	T				.05		.03								.11				*	.83							T		.02		
PETERSBURG	.54				.04			.03											.10		.22								.09		.06	
PETTIBONE	.80	T		.10				.06											.05	*	.50		.04									.05
PINGREE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PORTAL	.08			T	.08	T	T												T				T			T		T				
POWERS LAKE 1 N	.09			T	T	T	T												T				T			T		T		.02	T	
PRETTY ROCK	.15	T	.02	T	.05	.01	T		.01	T			T						.05		.02	T		T	.02	T	T	T	T			
RAUB 10 SSW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REEDER	.18	T	T		.15														.03			T		T								
REEDER 14 N	.15				.05		.06	T	.04										T					T								
RICHARDSON ABBEY	.67	T	.01	.05	.13	T	.03	.01	.14	T									.18				T	.07			T		.05			
RIVERDALE	.40	T	T		.09	T	.01			T	.05		T						.11	T				.05					.09	T		
ROLLA	.57	T	T	T	.07			.03	T				.03						.14		.13	.06					.04	T		.07		
RUGBY	.39	.01	T		.04	.01	.01	T					.01				T		.15		T				.01				.08		.07	
RYDER	.24	T		.10	T	T		T											.05													.05
SAN HAVEN	.38				.07	T	T	.09	T				T	.04					.06													
SCRANTON	.09	T		.05		T		T											.04				T	.01	T	T	T		.05			
SELFRIEGE 11 W	1.20		T	.28	T		.35	.09	.18										.15					.10				.05	T			
SENTINEL BUTTE 20 S	.47				.19	T	T	T	.19										.09			T	T				T		.05	T		
SHARON	1.03	.02	T	T	.02	.01	T		.03										.15		.60	T				T		.12		.08		
SHERWOOD 3 N	.15	T		.02	.03		.01						.02						.03										.02			
SHIELDS	.20	T	T	T	.07		.04		.07												T		T						.02			
STANLEY	.10	T	T	T	.03			T											.07				T				T	T				
STEELE	.48	T	T	.04	.14		T	T	.11			T							T				T		.05				.04	T	.02	
SYKESTON	.20	T	T			T	T	T											T	T	.20			T				T				
TAGUS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TIOGA	.12	T																	.05													
TOLLEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOWNER	.29		.04																.12													
TROTTERS 5 WNW	.72	T		.15		T	T		.18			.05							.15			.03	.09		.06		T	.03		.07		
TURTLE LAKE	.32	T		.04	.06	T	T	T	.05			T							.07										.10			
TUTTLE	.32	.01		.02	.11	.01	.02		.03										T		.05	T		.04					.03	T		
UNDERWOOD	.39		.05	.04	.12	.01		.02	.01	.02									.08					.03	.01							
UPHAM 3 N	.10	T	T	T	.08	T	T	T				T	T						T					.02		T		T				
VALLEY CITY	.82	T			.08			T												*	.55								.06	.13		
VELVA	.39	T		T	.09	T	T	T											.15					.04					.05	.06	.02	
VERONA	1.22				.55	T														.15	.50	T										
WAMPETON STATE SCHOOL	1.04	T			.13	T													.07	.18	.57	T		.05				T	.04			
WALHALLA	1.20	.11						.05											.03		.65	.45							T			
WARWICK	.39																				.39											
WASHBURN	.04																															
WATAUGA 5 OAK 8 N	.17	T	T	.10			T	.03											.02										.01			
WATFORD CITY	.50				.06	.05			.04										.22						.09				.04			
WATFORD CITY 14 S	.47			T	.11	T	.04		.18				T					T	.07				T	.07				T				
WESTHOPE	.20	T		T	.07	T		.06											.07					T								
WILGROSE	.38	T	T		T	.22	T												.12													
WILLISTON WB CITY	.51	T	T	.02	.05	.03	T	.03	.02	T									.19	.05			T	.07	T	T	T	.01	.04	T		
WILLOW CITY	.17	T	T	T	.06	T	.02	.02											.04													
WILTON	.35	-	.01	.02	.07	-	.02		.08										T	T					.08	T				.03		
WISHEK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WOODWORTH 5 E	.34	T	T	.08	T				.04	T									T		.11	T										.03
ZAML	.29	T		.01	.03	.08	T	T	.02										.03	.04				.02	.01		.02	.01	.02			

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
FEBRUARY 1955

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX MIN	30 19	20 13	21 16	19 0	28 0	21 0	35 3	33 20	20 -10	0 -25	5 -22	4 -24	36 0	39 21	38 28	39 21	40 26	34 2	6 -5	15 0	19 3	25 5	20 -11	4 -20	17 -5	2 -10	7 -5	22 -6			21.4 1.2	
AMENIA	MAX MIN	22 12	20 0	21 3	20 12	20 0	-7 -7	22 -10	33 1	31 -2	-1 -18	-4 -23	-4 -25	16 -5	35 0	35 15	33 20	34 25	35 10	11 0	5 0	12 -4	11 -11	9 -28	6 -9	21 -9	17 -11	2 -9	8 -14			17.1 -3.3	
AMIDON	MAX MIN	33 23	25 15	22 15	23 7	24 -1	32 0	25 4	38 24	29 0	5 -25	9 -16	-1 -18	20 -3	37 20	39 27	38 23	45 28	43 -4	3 -4	3 -2	17 1	21 6	29 -16	5 -19	19 -11	10 -10	0 -9	15 -5			21.4 1.8	
ARVILLA STATE PARK	MAX MIN	22 0	10 -15	20 -17	21 10	20 -8	19 -5	25 2	29 6	23 -9	-6 -18	-7 -30	-1 -28	17 -7	36 5	30 9	35 12	34 26	34 9	19 -2	5 -1	12 -4	17 -19	5 -9	-4 -30	15 -9	8 -9	-3 -10	5 -16			15.7 -6.3	
ASHLEY	MAX MIN	24 15	20 0	21 14	20 7	18 -8	-2 -2	27 -1	33 8	26 -3	-2 -24	-2 -24	-3 -30	24 -6	38 5	34 20	33 20	35 25	32 10	12 -1	6 -13	14 -2	13 -22	7 -7	-5 -3	17 -7	9 -8	5 -8	13 -6			17.5 -1.8	
BEACH	MAX MIN	33 23	27 19	24 16	25 11	19 -2	33 5	26 4	42 21	27 1	4 -27	9 -19	-4 -15	21 -6	40 16	40 22	42 15	41 15	38 -4	1 -11	9 -6	17 -4	26 6	28 -13	5 -22	17 -10	10 -12	0 -9	13 -10			21.0 0.3	
BELCOURT INDIAN RES	MAX MIN	21 0	12 -4	19 4	18 10	18 -13	25 7	27 10	24 7	15 -15	-4 -28	-8 -32	-2 -36	17 -7	40 4	29 13	30 15	40 23	30 -2	5 -11	6 -7	14 -2	15 -25	8 -17	-5 -13	13 -7	1 -18	-3 -15	5 -12			14.6 -7.3	
BELFIELD	MAX MIN	26 17	21 15	28 15	22 3	34 -3	24 1	34 -2	30 12	15 -13	5 -29	11 -21	12 -24	38 -10	42 15	42 22	44 12	42 20	34 -3	7 -7	16 -7	21 -6	13 -10	18 -16	13 -22	10 -5	6 -11	14 -8	33 -3			23.8 -2.4	
BEULAH	MAX MIN	37 15	21 9	23 12	20 12	20 2	3 3	21 4	31 9	-3 5	-1 -27	0 -29	0 -31	4 -17	27 -4	37 6	33 12	32 8	37 2	2 -7	1 -6	13 -4	16 -8	23 -13	-4 -20	3 -14	10 -14	4 -10				16.6 -6.0	
BISBEE	MAX MIN	20 3	12 -9	21 0	20 9	15 -5	23 1	29 11	25 7	15 -13	-13 -26	-10 -26	-1 -27	14 -4	26 6	29 12	35 17	37 26	33 0	4 -7	5 -5	12 -1	16 -8	12 -26	-1 -7	11 -9	4 -16	-1 -11				14.5 -4.1	
BISMARCK WB AP	MAX MIN	23 17	22 11	24 14	22 -3	19 -10	21 1	34 3	30 8	15 -15	-4 -23	-1 -25	4 -29	26 -7	40 2	36 20	43 15	34 23	30 -3	6 -3	14 -2	20 -3	24 -12	14 -13	3 -22	17 -8	2 -10	5 -10	19 -8			19.4 -2.9	
BOTTINEAU	MAX MIN	27 12	13 0	11 3	21 11	17 7	19 -1	22 4	28 3	22 -13	-3 -30	-10 -30	-4 -30	-1 -14	16 -6	27 6	29 16	29 17	37 1	3 -18	10 -12	7 -4	14 -11	17 -23	3 -18	0 -17	8 -11	-2 -14	-1 -10			12.6 -7.4	
BOWBELLS	MAX MIN	25 14	20 8	16 3	24 7	21 0	20 -2	22 0	30 17	25 -15	-11 -27	4 -25	-7 -23	10 -8	30 10	39 10	31 12	32 12	34 3	2 -15	9 -10	11 -6	16 -6	24 -18	-8 -27	5 -18	4 -20	-1 -15	1 -12			15.3 -5.6	
BOWMAN COURT HOUSE	MAX MIN	29 22	24 16	22 16	20 5	32 0	25 5	37 5	34 22	9 22	10 -20	14 -8	-14 -14	40 5	42 20	40 27	48 20	45 26	35 -3	8 -3	17 0	22 12	28 7	16 -14	13 -16	15 -1	4 -9	15 -3	32 2			24.9 4.4	
BUTTE	MAX MIN	28 15	16 10	20 3	23 13	20 -4		22 0	32 15	26 -8	-4 -21	1 -21	-8 -23	7 -12	26 7	38 17	25 17	37 19	40 4	4 -8	5 -7	10 -7	16 -5	20 -10	-5 -24	2 -17	12 -15	-1 -15	2 -10			15.3 -3.2	
CARRINGTON	MAX MIN																																
CARSON NO 2	MAX MIN																																
CAVALIER	MAX MIN	19 2	9 -14	17 -9	20 12	18 -3	20 4	15 -2	26 11	18 -12	-5 -19	-8 -23	-1 -25	18 -8	37 8	30 15	34 13	36 31	32 4	5 -5	3 -3	10 -1	15 -12	10 -12	-3 -32	12 -13	5 -14	0 -12	8 -9			14.3 -4.6	
CENTER	MAX MIN	28 16	21 7	24 11	22 0	22 -10	24 -3	33 3	30 12	20 -1	-1 -26	0 -22	3 -29	28 -3	41 -1	35 22	39 13	41 23	34 0	21 -6	14 -6	16 -1	24 -18	22 -11	3 -28	13 -8	2 -14	5 -7	18 -10			20.8 -3.3	
COOPERSTOWN	MAX MIN	23 7	17 -5	21 9	20 11	17 4	25 -6	27 6	30 7	25 -7	-5 -21	-7 -25	1 -29	17 -9	35 5	32 12	37 22	34 23	33 5	7 -1	5 -1	13 -4	15 -14	12 -8	-2 -9	11 -9	11 -14	2 -11	10 -18			16.6 -3.5	
CRDSBY	MAX MIN	24 17	20 12	24 12	24 2	17 -1	23 4	32 5	28 8	9 -17	-2 -28	5 -18	7 -22	26 -6	32 1	39 21	36 9	36 18	19 5	17 -18	18 -7	23 -4	22 -4	4 -18	7 -24	8 -6	-3 -16	15 -17			18.4 -3.7		
DEVILS LAKE WB CITY	MAX MIN	17 -1	17 -7	22 12	19 11	13 -1	21 -1	29 12	25 10	-6 -17	-8 -22	-1 -20	-5 -25	17 -6	34 8	30 13	37 16	35 28	31 16	3 -5	3 -3	13 -13	15 -10	2 -15	-2 -23	10 -6	-2 -14	0 -13	6 -10			14.0 -3.5	
DICKINSON CAA AP	MAX MIN	27 18	20 15	23 14	20 0	31 6	21 1	34 10	33 11	6 -27	6 -22	12 -20	35 -20	38 6	38 19	38 25	43 17	44 12	12 -3	7 -5	16 -1	22 0	28 -3	2 -20	10 -20	2 -9	11 -10	0 -6	30 -4			20.9 -0.6	
DICKINSON EXP STATION	MAX MIN	35 22	24 16	22 16	23 13	22 -5	34 6	25 0	35 20	25 -1	1 -28	7 -24	7 -25	14 -7	35 9	40 20	38 12	44 14	45 -1	4 -4	7 -2	15 -21	29 -2	3 -14	-3 -11	11 -11	0 -4				20.7 -0.8		
DRAKE	MAX MIN	28 14	16 6	13 3	23 13	19 -5	19 -4	24 6	32 14	28 -6	-3 -26	-1 -26	-7 -24	13 -19	26 10	39 14	24 16	37 16	41 5	6 -10	4 -10	7 -2	14 -8	20 -9	-5 -23	0 -22	13 -16	-3 -15	-1 -11			15.2 -4.3	
DUNN CENTER	MAX MIN	33 20	22 16	20 13	24 13	21 -12	31 5	25 2	34 17	29 -1	3 -27	5 -26	-4 -28	37 -14	40 5	40 16	40 15	45 11	-1 -1														
ECKMAN	MAX MIN	24 12	12 4	17 -4	30 12	27 -10	24 -6	30 2	31 8	26 -16	-8 -29	-7 -28	-9 -31	-1 -17	23 -8	35 10	31 9	33 11	45 22	3 -22	2 -10	11 -6	11 -19	22 -17	-5 -31	9 -28	9 -25	3 -15	12 -10			15.7 -9.4	
EDGELEY EXP FARM	MAX MIN	30 15	18 -5	19 -5	22 12	22 -8	18 -5	20 -2	29 3	33 5	7 -21	-5 -20	-3 -28	2 -25	22 -7	39 19	35 22	35 23	35 22	11 0	7 -2	15 -15	16 -13	15 -26	3 -22	21 -10	2 -8	2 -10			17.4 -4.9		
EDMDRE 1 W	MAX MIN	21 5	13 -13	20 2	19 12	18 3	23 -1	29 7	29 7	20 -11	-7 -23	-7 -25	-8 -28	16 -5	33 4	31 16	35 20	35 27	34 1	4 -5	4 -1	10 -1	15 -13	14 -10	-3 -28	10 -8	9 -15	0 -10	5 -13			15.4 -3.8	
ELLENDALE	MAX MIN	27 15	23 4	24 10	21 9	16 2	22 -3	21 -1	33 3	28 -9	-1 -21	-1 -24	1 -27	23 -7	43 4	36 18	31 22	36 24	34 4	9 1	8 1	15 -12	18 -4	11 -24	0 -4	25 -5	12 -8	10 -6	14 -5			19.3 -0.8	

Table 5-Continued

DAILY TEMPERATURES

NORTH OAKOTA
FEBRUARY 1955

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX MIN	31 17	20 15	19 10	20 14	20 -10	17 2	22 8	31 15	27 9	0 -26	-1 -26	-6 -25	10 -15	27 0	39 11	34 18	38 18	40 0	5 -7	7 -2	9 -2	17 -6	22 -11	-1 -19	3 -16	10 -15	1 -10	4 -8				16.6 -2.8
GRAFTON	MAX MIN	20 6	10 -17	18 -15	19 10	19 0	18 -3	16 1	29 9	22 -9	-5 -17	-6 -30	-4 -27	13 -8	34 6	30 13	32 14	33 25	33 6	7 -4	4 -3	11 0	10 -15	9 -10	-3 -31	13 -14	0 -12	8 -12				14.2 -5.3	
GRAND FORKS CAA AP	MAX MIN	17 2	17 -11	21 -6	21 8	18 -2	21 5	24 8	28 14	14 -16	-6 -22	-8 -27	-2 -26	15 -2	35 9	29 12	32 14	35 25	34 1	2 -3	5 -1	8 -9	12 -15	-2 -16	-2 -29	15 -9	5 -18	0 -17	5 -17				13.7 -6.2
GRAND FORKS UNIVERSITY	MAX MIN	16 8	18 -9	20 -3	20 13	17 1	16 -3	20 1	30 9	21 -9	-9 -15	-8 -26	-5 -24	15 -5	36 8	28 19	31 13	34 25	34 6	8 -2	8 0	9 -1	8 -14	7 -10	-7 -28	18 -10	6 -14	-10 0	5 -10				13.8 -2.9
GRAND RAPIDS 1 N	MAX MIN	24 12	19 -5	24 12	24 13	20 -4	22 -9	21 -1	34 -3	28 -2	-2 -23	-1 -32	-2 -34	21 -8	39 4	36 12	36 23	37 26	33 8	10 0	7 1	15 -2	17 -20	14 -9	0 -32	22 -9	12 -10	9 -8	12 -10				19.0 -3.9
GRANVILLE	MAX MIN	26 10	17 5	25 -1	23 9	19 -10	26 -3	33 -3	25 11	18 -11	-5 -25	0 -20	7 -28	29 -1	41 2	32 19	44 7	42 19	31 0	10 -11	16 -5	27 -14	15 -5	6 -21	9 -9	4 -10	6 -14	14 -12				19.4 -2.4	
GRENOIRA	MAX MIN	30 20	23 15	26 14	27 9	21 6	28 5	33 7	32 15	26 -17	2 -27	9 -24	10 -22	27 -2	32 20	37 24	37 14	35 21	29 5	15 -17	21 -12	21 -5	22 -2	20 -18	8 -21	12 -15	5 -13	19 -12				22.5 -1.4	
HANKINSON R R STATION	MAX MIN	29 10	24 -2	20 -2	22 10	21 3	22 -1	20 -3	24 -3	34 11	13 -18	-4 -23	-5 -24	5 -24	20 7	35 10	37 19	35 21	37 25	35 0	20 0	15 -3	20 -2	19 -2	14 -21	9 -21	30 -4	15 -5	20 -5				20.9 -2.2
HANNAH	MAX MIN	19 -6	15 -14	20 -3	13 10	21 -4	27 -3	23 7	14 8	17 -17	-10 -27	-10 -26	-2 -30	16 -7	29 5	27 11	33 20	37 25	33 -3	2 -12	1 -7	10 -3	16 -12	10 -15	-1 -30	6 -10	1 -21	5 -14	5 -12				13.3 -7.0
HANSBORO	MAX MIN	20 -4	9 -11	21 -3	18 11	20 -9	26 0	27 7	23 9	13 -14	-8 -25	-10 -25	-1 -29	22 -5	33 9	30 8	32 16	40 23	40 6	32 -11	3 -7	5 -3	10 -15	16 -15	12 -30	2 -7	6 -18	0 -10	10 -10				15.1 -5.9
HETTINGER	MAX MIN	30 19	21 15	20 16	19 3	36 -3	26 3	37 4	36 21	23 7	7 -21	10 -14	10 -17	39 4	44 21	43 27	49 20	41 27	33 -3	8 -3	17 0	25 11	30 -12	24 -17	16 -7	3 -3	14 -7	35 0				25.2 3.0	
HILLSBORO	MAX MIN	20 10	20 0	22 0	20 11	20 -7	19 -9	19 -5	34 8	28 -5	-3 -17	-5 -24	-4 -25	15 -8	37 4	35 16	31 16	34 24	34 9	9 -2	2 -1	9 -2	10 -12	6 -9	-6 -27	21 -11	13 -12	2 -13	8 -15				16.1 -3.8
JAMESTOWN CAA AP	MAX MIN	20 -4	17 -4	22 7	19 2	15 0	24 -3	30 4	30 6	17 -16	-6 -22	-4 -23	-2 -29	21 -6	36 5	30 18	40 18	34 28	32 6	5 0	12 -1	15 -13	8 -2	17 -13	2 -11	2 -5	10 -14	2 -11	10 -15				16.1 -4.4
JAMESTOWN STATE HOSP	MAX MIN	25 8	17 -6	25 9	19 13	14 -1	22 -1	31 4	30 9	24 -6	-6 -21	-3 -21	-2 -28	20 -6	35 6	30 19	40 21	35 29	33 4	7 0	5 3	13 0	15 -14	7 -5	-5 -26	17 -6	8 -10	1 -8	9 -12				16.6 -1.6
KENMARE	MAX MIN	27 18	21 8	18 1	25 7	20 3	21 -1	22 6	31 8	23 -13	-7 -25	-5 -25	-8 -22	10 -10	28 9	39 16	31 15	39 11	35 -2	3 -14	10 -15	7 -4	18 -10	25 -17	6 -23	5 -17	4 -19	2 -20	2 -10				15.9 -5.2
KENSAL WILDLIFE REFUGE	MAX MIN	26 9	20 -12	23 3	19 12	18 -4	26 1	30 7	32 8	23 -5	-5 -23	-10 -28	-2 -30	23 -10	40 4	30 17	40 14	37 28	34 5	6 1	5 1	15 -1	18 -19	8 -6	-30 -30	18 -5	11 -15	6 -14	11 -17				18.0 -4.0
LANGDON EXP FARM	MAX MIN	18 4	12 -8	20 -1	18 11	15 -3	24 -5	26 4	25 7	17 -10	-8 -26	-3 -26	0 -30	16 -9	32 9	29 4	33 18	33 25	32 3	8 -9	4 -6	13 -10	15 -10	-4 -13	9 -30	12 -12	6 -22	3 -14	8 -15				14.7 -6.0
LARIMORE	MAX MIN	20 5	11 -10	20 -7	19 12	18 -1	24 -2	24 -2	29 8	22 -10	-4 -19	-6 -24	-1 -28	19 -8	36 8	28 17	34 17	33 24	33 7	8 -3	4 -2	13 -2	16 -15	8 -31	15 -11	8 -12	3 -11	10 -14				15.5 -4.4	
LEEOS	MAX MIN	21 4	14 -10	20 4	18 10	13 -7	21 -3	27 12	23 10	17 -12	-10 -28	0 -30	0 -30	15 -9	30 5	28 7	36 9	37 27	32 2	4 -4	7 -5	10 -5	16 -16	11 -10	-2 -16	7 -8	5 -20	0 -10	5 -12				14.0 -4.9
LINTON	MAX MIN	29 19	24 9	24 18	22 2	18 -8	22 -2	37 4	32 5	26 -10	-2 -22	-5 -29	3 -10	29 -10	41 2	40 15	41 19	39 27	34 5	5 0	10 1	18 -18	14 0	0 -31	22 -5	6 -9	9 -5	19 -9				20.6 -2.6	
LISBON	MAX MIN	25 13	17 -15	20 2	19 13	19 -3	18 -11	23 -10	33 7	30 1	-2 -20	-3 -30	-3 -33	18 -9	36 0	34 12	32 24	37 20	36 13	13 6	6 0	12 -4	14 -17	11 -15	-3 -23	20 -9	17 -9	6 -8	11 -11				17.9 -4.7
LOSTWOOD 12 N	MAX MIN	20 10	16 7	22 5	20 12	16 -2	22 2	27 5	23 5	5 -16	-7 -30	-2 -21	2 -27	23 -4	32 12	34 18	34 9	33 26	37 9	8 -18	13 -8	16 -6	20 -12	17 -21	2 -30	-2 -5	0 -20	13 -18				15.7 -5.4	
MA00OCK AGR SCHOOL	MAX MIN	25 8	15 -9	22 3	20 9	13 -11	22 2	30 11	28 9	23 -10	-1 -27	-6 -26	0 -32	25 5	31 14	28 7	34 7	38 25	33 3	15 -5	8 -3	10 -10	18 -15	12 -8	0 -31	13 -4	6 -19	0 -9	5 -15				16.7 -5.1
MANOAN EXP STATION	MAX MIN	31 18	22 -12	21 12	23 11	20 -13	18 2	22 4	34 14	27 -1	-1 -22	1 -21	-9 -28	12 -17	27 10	39 18	36 15	42 21	34 4	5 -6	5 -1	13 0	17 -12	23 -6	-4 -23	2 -12	15 -10	0 -7	8 -8				17.1 -1.6
MANOAN FT LINCOLN PARK	MAX MIN	30 18	22 13	24 14	22 12	24 -10	23 3	37 4	35 18	26 -2	-2 -23	2 -21	5 -27	28 -4	42 13	39 26	42 17	37 21	35 4	7 -4	14 -4	20 1	25 -12	23 -8	4 -22	18 -7	8 -10	12 -5	20 -9				22.2 0.0
MARMARTH	MAX MIN	35 15	25 20	25 18	19 4	33 4	24 6	38 6	39 25	25 6	20 -17	17 -7	15 -9	35 10	42 11	40 26	47 12	44 20	32 12	12 -1	20 3	34 30	14 -11	15 -1	5 -3	15 -1	5 -3	32 1	5 5				26.7 4.1
MAX	MAX MIN	30 17	20 10	19 8	23 12	20 -7	17 -2	23 -2	31 8	25 -8	-3 -26	-1 -27	-8 -25	2 -15	25 1	38 17	34 11	37 10	40 1	7 -7	5 -6	12 -5	17 -5	24 -11	-4 -22	2 -20	8 -13	-3 -13	4 -8				15.9 -4.4
MAYVILLE	MAX MIN	19 6	22 -9	22 -3	21 13	18 -2	22 -7	21 -4	18 10	22 -7	-4 -18	-5 -27	-2 -26	19 -6	36 6	33 18	32 17	34 24	34 8	8 -2	3 -1	12 -3	9 -14	5 -10	8 -31	17 -10	12 -15	1 -9	9 -19				15.9 -4.2
MC CLUSKY	MAX MIN	23 14	15 6	22 5	20 8	18 -8	23 2	33 5	27 14	20 -12	-7 -27	-2 -19	3 -27	24 -5	33 10	30 21	38																

Table S-Continued

DAILY TEMPERATURES

NORTH DAKOTA
FEBRUARY 1955

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX MIN	30 19	20 15	23 17	22 12	34 -8	26 4	38 -1	35 19	20 -11	3 -26	11 -15	10 -23	38 -2	40 18	39 24	48 12	41 20	-2	7 -3	16 0	22 9	30 -2	19 -14	10 -23	11 -5	1 -9	10 -5	33 -3				23.6 0.6
NEW SALEM 1 S	MAX MIN	27 15	27 11	22 14	20 4	26 -4	21 2	23 5	34 12	19 -15	-4 -26	3 -18	2 -24	30 -1	39 16	38 24	40 18	37 23	32 0	6 -1	14 -1	17 -2	25 -7	20 -11	3 -22	16 -8	4 -11	3 -9	20 -10				20.1 -0.9
NEWTOWN	MAX MIN	28 18	20 14	25 13	23 12	20 -7	25 3	32 5	28 18	-3 5	2 18	4 -15	26 -24	36 -2	37 11	41 24	31 36	8 12	17 28	19 -2	15 -15	19 -1	21 -8	21 -15	6 -24	6 -4	0 -15	5 -12	20 -5				19.8 -0.8
OAKES	MAX MIN	29 15	18 -4	21 0	24 13	22 2	16 -5	18 -6	23 0	32 7	9 -21	-5 -38	-3 -33	7 -4	19 -3	39 -3	35 21	35 24	36 25	27 2	8 2	7 0	13 -15	15 -14	8 -27	9 -25	26 -8	4 -7	8 -5				17.9 -4.9
PARK RIVER	MAX MIN	21 6	9 -14	18 -10	18 11	18 0	22 1	21 3	28 11	22 -9	-6 -18	-7 -24	-1 -26	18 -6	34 11	32 16	35 15	34 25	33 9	9 -2	4 -5	11 -1	14 -11	7 -8	11 -26	13 -10	9 -13	3 -11	10 -15				15.0 -3.6
PARSHALL	MAX MIN	27 18	20 11	24 10	23 11	21 12	22 1	32 3	25 6	19 -10	-6 -29	1 -17	4 -27	26 -3	37 6	34 24	38 10	41 29	31 -2	10 -18	16 -7	18 -2	24 -8	22 -14	4 -25	4 -5	0 -17	6 -11	16 -11				19.3 -2.1
PEMBINA 2 N	MAX MIN	18 5	14 -18	18 -8	18 8	21 2	21 -10	17 -7	26 12	20 -10	-8 -19	-10 -34	-10 -33	10 -1	35 1	35 -4	28 4	32 15	34 15	33 -2	5 -2	6 -2	7 -24	7 -23	6 -42	4 -30	4 -21	5 -18	7 -11				13.7 -11.0
PETERSBURG	MAX MIN	26 4	12 -8	18 4	18 11	15 2	22 -2	25 10	28 10	21 -12	-6 -21	-5 -24	-1 -27	16 -9	33 5	33 17	30 19	33 25	30 5	5 -3	5 -3	10 -4	16 -13	10 -10	-5 -26	14 -11	8 -15	2 -13	7 -14				14.8 -3.7
PETTIBONE	MAX MIN	25 13	13 -2	19 8	11 -5	16 1	30 8	28 8	22 8	-7 -26	-2 -29	4 -24	19 -6	37 29	29 15	38 16	35 26	34 34	5 -5	5 -7	12 -8	13 -14	9 -8	3 -27	14 -7	7 -14	2 -10	10 -13				15.6 -4.5	
PORTAL	MAX MIN	30 12	17 7	18 3	25 10	20 -5	19 -2	27 3	28 12	18 -19	-10 -30	3 -29	-6 -23	7 -7	27 1	35 10	30 9	39 17	32 17	0 -23	11 -16	16 -11	16 -9	26 -22	-10 -25	4 -19	0 -23	2 -18	2 -11				15.1 -7.6
POWERS LAKE 1 N	MAX MIN	21 14	20 11	26 6	21 2	20 -2	0 0	31 5	25 6	21 -22	-5 -32	-10 -25	4 -27	28 -7	38 7	34 12	37 6	37 24	25 -6	15 -26	15 -9	15 -15	23 -15	8 -21	5 -31	3 -9	1 -21	4 -18	17 -16				17.4 -7.5
RAUS 10 SSW	MAX MIN	24 15	22 4	23 3	24 3	34 3	31 3	21 6	-1 8	5 -24	4 -18	5 -21	28 1	41 20	37 25	40 20	40 30	32 30	7 -10	12 0	18 4	25 -13	15 -20	5 -13	10 -2	2 -14	5 -9	18 -5				20.1 0.0	
RICHAROTON ABBEY	MAX MIN	29 17	19 13	22 15	19 9	33 0	27 5	34 4	34 19	-1 4	4 -25	7 -15	35 -21	39 1	39 21	42 29	41 19	33 28	33 -2	5 -5	14 -2	20 6	28 -2	24 -14	8 -22	12 -4	0 -11	6 -7	30 -4				21.9 1.5
RIVEROALE	MAX MIN	31 19	20 11	19 10	22 13	18 -3	17 1	22 9	33 19	26 -5	0 -24	-2 -24	-8 -23	4 -15	27 4	37 10	33 18	38 2	4 -6	5 -6	14 -1	12 -7	22 -10	-4 -23	3 -21	1 -14	10 -12	2 -9				15.7 -2.5	
ROLLA	MAX MIN	21 -4	12 -8	20 -2	16 9	19 -5	24 7	28 11	25 10	12 -18	-3 -23	-7 -24	-1 -25	17 -6	40 9	28 12	30 15	37 24	30 -3	5 -11	6 -7	14 -3	16 -10	10 -18	-1 -28	0 -8	10 -19	-1 -14	16 -12				15.1 -5.4
RUGBY	MAX MIN	26 6	16 -6	23 5	22 12	15 -8	23 0	30 8	25 10	20 -14	-6 -27	-7 -22	4 -27	20 -4	33 5	29 14	35 7	37 26	35 1	6 -12	7 -4	12 -4	19 -10	16 -9	1 -26	10 -5	6 -19	1 -9	7 -10				16.6 -4.5
SAN HAVEN	MAX MIN	22 3	10 -1	18 5	18 11	20 -3	20 4	28 10	23 10	17 -11	-4 -22	-3 -20	-8 -25	17 -6	41 10	30 13	26 16	41 26	33 0	10 -12	5 -4	12 -2	16 -10	14 -14	14 -30	11 -5	5 -6	4 -13	6 -8				16.5 -3.4
SHARON	MAX MIN	20 -4	15 -4	20 4	18 11	15 0	24 -3	21 5	29 9	22 -10	-5 -21	-3 -25	0 -27	16 -9	33 6	31 18	35 20	32 24	31 5	7 -3	13 -2	16 -8	5 -8	-5 -12	15 -7	9 -13	0 -12	10 -14				15.3 -3.7	
STANLEY	MAX MIN	21 15	18 6	23 6	21 1	16 -4	22 8	29 15	25 13	15 -17	-8 -28	0 -26	1 -26	23 -1	32 13	31 20	34 11	37 27	29 -5	9 -11	15 -5	16 -6	15 -18	7 -27	3 -6	5 -19	1 -10	10 -5				15.8 -3.6	
STEELE	MAX MIN	27 16	22 2	23 2	22 -14	25 -1	35 14	30 7	28 14	-2 -26	-2 -18	5 -27	24 -5	39 5	34 20	38 20	39 27	35 2	10 -5	11 -1	17 -2	18 -15	5 -8	18 -6	14 -13	6 -8	16 -15				20.6 -3.0		
TOWNER	MAX MIN	27 7	25 0	25 8	21 -2	18 -10	27 2	34 -15	25 -1	18 -14	7 -19	4 -23	5 -20	33 -5	26 18	37 12	40 14	32 22	32 -12	45 -8	8 -3	12 -7	17 -12	22 -12	4 -23	5 -17	10 -23	2 -9				18.6 -5.6	
TURTLE LAKE	MAX MIN	27 15	20 10	23 6	22 10	19 -8	22 0	34 7	30 15	23 -9	-5 -28	-1 -18	2 -27	25 -5	37 6	34 23	38 17	38 26	34 0	5 -7	10 -3	19 -4	22 -12	21 -12	1 -17	11 -16	4 -9	3 -11	16 -9				19.1 -2.6
UNDERWOOD	MAX MIN	30 17	20 10	19 10	24 11	20 -1	19 -1	23 5	26 2	32 -7	-3 -27	0 -28	-8 -27	5 -24	27 5	38 13	32 14	38 14	45 0	8 -4	5 -6	12 -4	17 -6	22 -10	4 -23	5 -22	10 -17	2 -9				17.2 -4.4	
UPHAM 3 N	MAX MIN	26 5	17 0	25 3	23 13	15 -1	22 -14	31 2	26 6	22 -18	-8 -31	-5 -28	6 -34	19 -10	38 5	29 0	29 10	38 21	33 0	3 -21	7 -9	15 -5	24 -20	20 -15	2 -36	11 -2	5 -25	1 -14	14 -13				17.4 -8.4
VALLEY CITY	MAX MIN	26 12	17 -8	23 9	20 13	19 7	23 -3	21 4	32 3	30 3	3 -19	-3 -24	20 -8	39 4	34 19	37 25	36 23	36 12	12 1	8 1	11 -1	17 -15	13 -6	-1 -29	20 -6	17 -10	0 -8	10 -12				19.1 -0.5	
VELVA	MAX MIN	26 12	15 10	24 0	22 14	25 -10	31 -2	27 3	30 15	-4 -8	3 -22	3 -19	3 -26	27 -1	39 12	33 20	42 12	40 31	32 1	3 -7	10 -3	15 0	24 -15	20 -11	5 -25	2 -15	13 -9	13 -8				18.8 -1.9	
WAHPETON STATE SCHOOL	MAX MIN	25 3	24 2	23 7	22 13	20 -1	17 -14	20 -6	37 3	30 -2	0 -19	-1 -28	20 -5	35 2	38 16	33 14	38 25	37 12	13 0	17 -2	14 -7	13 -7	9 -27	0 -7	30 -7	21 -6	16 -6	22 -5				20.4 -2.9	
WASHBURN	MAX MIN	22 11	20 12	24 15	21 12	21 -5	22 0	35 7	28 17	23 -15	-3 -25	-2 -21	-3 -19	32 -19	38 7	34 26	38 18	37 27	31 1	6 -5	12 0	19 -13	23 -10	20 -20	2 -5	18 -16	2 -6	4 -18				19.4 -1.5	
WATFORD CITY	MAX MIN	31 22	23 18	28 17	24 15	29 4	26 5	37 9	31 17	6 -10	4 -28	12 -15	20 -20	35 1	38 14	40 26	44 15	38 30	31 -3	10 -17	16 -4	22 -4	24 -3	18 -16	12 -20	11 -2	2 -14	25 -7				22.9 0.6	
WATFORD CITY 14 S	MAX MIN	31 22	24 18	26 17	26 15	34 2	27 5	40 																									

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
FEBRUARY 1955

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ALMONT 7 SW	SNOWFALL SN DN GND	4	T	0.5	0.4	T	0.3	5	2.8	8	8	8	8	7	6	5	4	3	1.0	4	4	4	4	0.6	4	4	4	1.2	T			
AMENIA	SNOWFALL SN DN GND	4	4	4	3.0	6	6	5	4	4	4	4	4	4	3	3	2	1	1.0	2	2	8	8	8	8	8	8	1.0	1.0			
AMIDON	SNOWFALL SN ON GND	1	T	T	1.0	T	2	2	1.0	T	2	2	2	2	2	2	1	1	T	T	T	T	T	T	T	T	T	T	T			
ASHLEY	SNOWFALL SN DN GND	2	2	2	3.0	T	5	5	1.0	6	5	5	5	5	5	4	3	3	3	3	4.0	7	7	7	1.0	8	8	8	8	0.5	T	
BEACH	SNOWFALL SN ON GND	3	3	T	1.0	0.5	1.0	0.3	1.0	0.5	6	6	6	6	6	5	4	3	2	3.0	5	5	5	5	1.0	6	6	6	0.5	0.5		
BELCDURT INOIAN RES	SNOWFALL SN DN GND	6	6	T	1.0	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	9	9	9	9	9	9	9	9	9		
BELFIELD	SNOWFALL SN DN GND	T	6	7	8	9	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
BEULAH	SNOWFALL SN ON GND	T	T	T	T	T	T	0.5	1	2.5	3	3	3	3	3	2	1	T	T	T	T	T	T	T	T	T	T	T	T	T		
BISBEE	SNOWFALL SN ON GND	4	4	4	0.8	4	4	4	4	4	4	4	4	4	4	4	4	2	T	2	1.0	3	3	3	3	3	3	3	T	3		
BISMARCK W8 AP	SNOWFALL SN ON GND WTR EQUIV	T	0.1	0.7	0.5	T	T	T	0.9	4	4	4	4	4	4	3	3	2	1	0.4	1	1	1	1	0.9	1.2	T	T	T	0.8	0.2	
BOTTINEAU	SNOWFALL SN ON GND	8	T	8	8	9	9	10	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
BOWBELLS	SNOWFALL SN DN GND	6	6	T	2.0	8	8	8	8	8	8	8	8	8	7	7	7	7	T	7	7	7	7	7	7	7	7	1.0	T	T		
CENTER	SNOWFALL SN DN GND	3	T	3	1.0	4	T	3	1.0	4	4	4	4	4	4	3	3	2	1.0	4	3	3	3	3	1.0	4	4	4	1.0	5	5	
CRDSBY	SNOWFALL SN DN GND	T	3	T	T	T	T	3	3	3	3	3	3	3	3	3	2	0.2	0.1	2	3	3	3	T	0.1	0.3	T	0.2	3	3		
DEVILS LAKE W8 CITY	SNOWFALL SN DN GND	T	T	0.9	T	T	T	T	T	T	T	T	T	T	T	T	T	0.9	2	2	3.6	0.3	T	T	6	6	6	6	6	6	6	0.5
DICKINSON CAA AP	SNOWFALL SN ON GND	0.1	0.1	0.5	0.5	1.5	T	0.1	1.4	0.2	T	5	5	5	5	4	3	2	1.2	2.1	1	4	4	4	0.4	0.1	T	0.3	0.3	4	4	
DICKINSON EXP STATION	SNOWFALL SN ON GND	2	2	2	3	3	4	4	4	5	5	5	5	5	5	5	4	3	4	4	4	4	3	3	3	3	3	3	4	4		
DUNN CENTER	SNOWFALL SN DN GND	4	4	0.1	1.0	5	0.3	T	2.8	7	7	7	7	7	7	6	5	4	1.6	4	-	-	-	-	-	-	-	-	-	-	-	-
EDMDRE 1 W	SNOWFALL SN DN GND	5	5	4	T	4	T	4	4	4	4	4	4	4	4	4	4	3	0.5	4	1.0	5	5	5	5	5	5	5	5	0.8	1.0	
ELLEDALE	SNOWFALL SN ON GND	T	2	T	6.5	T	7	6	0.5	6	6	6	6	5	5	3	3	2	T	0.5	2	6.5	1.0	0.6	9	9	9	T	8	8	T	
FARGO W8 AP	SNOWFALL SN DN GND WTR EQUIV	T	3	3	3.7	0.2	T	T	T	4	4	4	4	4	3	3	3	T	1.5	0.8	4.2	T	8	8	8	8	8	T	0.2	1.4		
FDRT YATES	SNOWFALL SN DN GND	1	1	0.1	2.5	0.4	4	3	1.0	4	4	4	4	4	4	2	1	T	T	T	T	T	T	T	T	T	T	0.8	0.7			
FOXHOLM 7 N	SNOWFALL SN ON GND	5	5	5	7	7	7	7	7	7	7	7	7	7	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
FULLERTON	SNOWFALL SN DN GND	T	3	3	5.2	8	8	8	8	8	8	8	8	8	5	3	3	3	0.2	0.6	7.2	10	10	10	1.7	T	8	0.2	T			
GARRISON	SNOWFALL SN ON GND	4	T	4	5	5	5	0.1	T	5	5	5	5	5	5	4	3	3	-	T	-	-	-	-	-	-	-	0.3	T			
GRAFTON	SNOWFALL SN DN GND	T	2	2	T	2	0.4	4.0	5	5	5	5	5	5	4	3	3	3	1.5	1.0	13.0	18	18	18	18	18	18	0.5	T			
GRAND FORKS CAA AP	SNOWFALL SN ON GND	T	4	4	0.9	T	5	5	5	5	5	5	5	5	4	T	3	3	0.8	3	7.0	T	11	11	11	11	10	1.0	0.7			
GRAND FORKS UNI	SNOWFALL SN DN GND	T	4	4	0.4	T	T	T	4	4	4	4	4	4	4	4	4	4	0.8	5	6.9	2.0	13	13	13	13	T	0.8	0.4			
GRANVILLE	SNOWFALL SN ON GND	8	8	T	8	8	8	8	8	8	8	8	8	8	8	8	8	7	6	6	6	6	6	6	6	6	6	6	1.0	T		
HANSBDRD	SNOWFALL SN DN GND	10	10	T	0.5	10	10	10	10	10	10	10	10	10	10	10	10	9	0.2	9	0.3	1.3	10	10	10	10	0.4	11	11	-	0.5	
HETTINGER	SNOWFALL SN ON GND	1	2	3	3	3	3	3	3	3	3	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
JAMESTOWN CAA AP	SNOWFALL SN DN GND	D.1	T	T	D.4	0.2	T	D.1	D.1	4	4	4	4	4	4	3	3	1	T	T	6.0	0.3	T	D.3	T	T	-	0.2	D.4			
KENSAL WILDLIFE REFUGE	SNOWFALL SN ON GND	T	4	4	D.5	3	2	D.2	2	2	2	2	2	2	2	1	1	1	T	3.5	T	3	3	3	3	3	3	3	2.5	T		
KILLDEER 8 NW	SNOWFALL SN DN GND	5	5	1.0	1.0	8	8	8	2.0	10	10	10	10	10	9	8	7	6	3.0	9	9	9	9	9	9	9	9	9	9	9	9	9
MANDAN EXP STATION	SNOWFALL SN DN GND	1	D.2	1.0	2.0	T	T	T	1.3	3	3	3	3	3	2	2	1	1	D.3	1	1	1	T	T	1.0	1	1	1	1	1	1	2
MAYVILLE	SNOWFALL SN ON GND	T	3	3	1.3	T	T	T	0.1	D.3	4	4	4	4	4	4	3	3	2	2.5	1.0	9.0	0.4	T	13	13	13	12	12	12	13	D.7
MC CLUSKY	SNOWFALL SN DN GND	3	3	D.1	D.1	3	3	3	D.2	3	3	3	3	3	3	3	2	2	0.2	2	2	2	2	D.1	2	2	2	2	D.2	2		
MC HENRY 5 N	SNOWFALL SN ON GND	T	2	2	T	D.2	T	D.1	2	2	2	2	2	2	2	2	2	2	1.0	3	3.0	0.2	6	6	6	6	6	6	6	2.0	D.5	

See reference notes following Station Index.

Table 7 -CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
FEBRUARY 1955

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MEDORA 4 NNE	SNOWFALL SN ON GNO	3	3	1.1 4	2.0 6	1.0 6	0.5 6	0.5 7	2.0 7	7	6	0.5 7	6	5	5	4	4	4	2.5 6	6	6	0.5 6	0.5 6	0.1 7	7	6	0.5 7	0.5 6					
MINOT CAA AP	SNOWFALL SN ON GNO	0.1 3	T 3	0.6 3	0.7 4	T 4	0.1 4	T 5	0.1 5	5	5	0.2 5	T 5	5	5	T 4	3	0.3 3	0.6 4	4	4	4	4	T 2	0.4 2	T 2	0.2 2	0.1 2	0.4 3	T 3			
MINOT EXP STATION	SNOWFALL SN ON GNO	T 4	0.1 4	0.1 4	0.5 5	0.4 5	0.1 5	5	5	5	5	0.2 5	0.2 5	5	5	5	5	5	0.8 5	5	5	5	5	5	0.1 5	5	5	5	0.5 6	T 6			
MOHALL	SNOWFALL SN ON GNO	- 5	5	5	5	- 5	- 5	- 5	- 5	- 5	- 5	- 5	- 5	- 5	- 5	- 5	- 5	- 5	- 5	- 5	- 5	- 5	- 5	- 5	5	5	5	5	6	6			
MONTPELIER	SNOWFALL SN ON GNO	T 3	3	3	0.9 4	4	4	4	0.2 4	T 4	4	4	4	4	3	3	2	2	T 2	2	2	6.5 9	T 9	0.4 9	8	8	8	8	0.3 8	0.5 9			
MOTT	SNOWFALL SN ON GNO	2	T 2	T 2	1.5 3	T 3	0.3 3	0.5 3	0.5 3	3	3	T 3	3	3	2	2	1	1	0.5 1	1	1	1	1	2	2	2	2	1.0 3	2				
MUNICH 4 SW	SNOWFALL SN ON GNO	5	5	5	T 5	5	T 5	T 5	5	5	5	5	5	5	4	4	3	3	- 4	4	3.0 7	7	7	7	7	7	7	7	0.5 7	7			
NAPOLEON 1 SE	SNOWFALL SN ON GNO	4	4	4	2.0 6	6	6	6	0.8 6	6	6	6	6	6	6	4	4	4	- 4	4	1.0 5	5	5	5	5	5	5	5	6	- 6	- 6		
OAKES	SNOWFALL SN ON GNO	1	T 1	1	3.3 4	0.5 5	T 5	T 5	T 5	5	5	T 5	5	5	5	3	3	2	2	- 3	4.0 6	0.5 7	0.5 7	0.5 8	T 8	8	8	8	8	8			
PARSHALL	SNOWFALL SN ON GNO	T 5	5	5	0.4 5	5	5	5	T 5	5	5	5	5	5	4	4	3	2	1.0 3	3	3	3	3	3	0.5 4	4	4	4	4	4			
PETERSBURG	SNOWFALL SN ON GNO	- 4	4	4	- 4	4	4	4	- 4	4	4	- 4	4	4	4	4	4	4	- 4	4	6	6	6	6	6	6	6	6	7	7			
PETTIBONE	SNOWFALL SN ON GNO	T 2	2	1.0 3	3	3	3	0.3 3	3	3	3	3	3	3	3	3	2	2	- 2	2	2	* 4	2.0 4	0.5 5	5	5	5	5	5	5	0.5 5		
PRETTY ROCK	SNOWFALL SN ON GNO	T 1	1.0 2	T 2	2.0 4	1.0 5	T 5	5	1.0 6	T 6	6	T 6	6	6	4	3	3	2	1.0 3	1.0 4	T 4	4	4	4	4	4	4	4	4	4			
RICHARDSON ABBEY	SNOWFALL SN ON GNO	T 2	0.1 2	0.7 3	1.1 4	4	0.3 4	0.1 4	1.8 6	T 6	6	6	5	4	4	3	3	2	1.5 3	3	3	3	3	T 3	0.8 4	3	3	3	0.8 4	4			
RIVEROALE	SNOWFALL SN ON GNO	4	T 3	T 3	1.0 4	T 4	T 4	T 4	0.3 5	T 5	5	5	5	5	4	3	2	1.0 3	T 3	3	3	3	3	0.3 3	3	3	3	3	0.7 4	T 4			
ROLLA	SNOWFALL SN ON GNO	9	9	9	10	10	10	10	0.3 10	10	10	0.3 10	10	10	10	10	10	- 10	1.5 11	1.5 11	1.5 11	0.6 12	1.2 12	1.2 12	1.2 12	1.2 12	1.2 12	1.2 12	1.0 13				
SAN HAVEN	SNOWFALL SN ON GNO	10	10	10	0.9 11	11	11	1.2 11	1.2 12	1.2 12	1.2 12	1.2 12	1.2 12	1.2 12	1.2 12	1.2 12	1.2 11	0.7 12	1.2 12	1.2 12	1.2 12	1.2 13	0.1 13	1.3 13	1.3 13	1.3 13	1.3 13	0.6 13	1.3				
SHARON	SNOWFALL SN ON GNO	1.0 5	T 5	T 5	0.3 5	T 5	T 5	1.0 6	6	6	6	6	6	6	5	4	3	3	1.5 5	6.5 5	1.1 11	1.1 11	1.1 11	1.1 11	1.1 11	1.1 11	1.1 11	3.0 14	1.0 15				
STANLEY	SNOWFALL SN ON GNO	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	
UPHAM 3 N	SNOWFALL SN ON GNO	T -	T -	- -	- -	T -	T -	T -	- -	- -	- -	- -	T -	T -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	
VALLEY CITY	SNOWFALL SN ON GNO	T -	- -	- -	1.0 -	- -	- -	- -	T -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	* -	6.0 -	T -	- -	- -	- -	0.5 -	1.3 -			
WAHPETON STATE SCHOOL	SNOWFALL SN ON GNO	T 4	4	4	3.5 7	T 7	6	6	5	5	5	5	5	5	4	3	3	2	0.7 3	2.0 5	6.0 11	T 11	0.7 10	1.1 11	1.1 10	1.1 10	1.1 10	1.1 10	0.7 10				
WESTHOPE	SNOWFALL SN ON GNO	T 6	- -	- -	1.0 6	6	T 6	1.0 7	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	
WILLISTON WB CITY	SNOWFALL SN ON GNO WTR EQUIV	5 0.5	5 0.5	5 0.6	0.5 0.6	0.2 0.6	6 0.6	6 0.7	0.4 0.5	0.2 0.5	T 0.5	5 0.5	5 0.5	5 0.5	5 0.5	5 0.5	4 0.5	3 0.5	2 0.5	1.9 0.7	0.5 0.7	4 0.7	4 0.7	4 0.7	0.7 0.8	0.7 0.8	0.7 0.8	0.7 0.8	0.7 0.8	0.7 0.8	0.7 0.8	0.7 0.8	
WILLOW CITY	SNOWFALL SN ON GNO	T 5	5	T 5	1.0 6	6	0.5 6	0.5 6	6	6	6	6	6	6	5	5	5	4	5	5	5	5	5	5	T 5	5	5	5	5	5	5	5	

STATION INDEX

NORTH DAKOTA
FEBRUARY 1955

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables		
Adams 7 S	0022	Walton	10	48 20	98 08		SP		Myron J. Bata	3	Melville	3833	Foster	5	47 20	98 02	1825			Edgar S. Stegmüller	3	C	
Alexander	0098	McIntosh	13	47 50	103 38	2200	7P		Arthur J. Hansen	3	West CAA AP	3988	Ward	12	48 15	101 17	1722	MID		U.S. Civil Aero Adm.	2	3 5	7
Almont 7 SW	0136	Dutton	4	46 43	101 39	2300	7P		Hogan Rameland	2 3 5	Minot Exp. Station	5993	Ward	12	48 10	101 18	1720	8A		N.C. Agr. Exp. Sta.	2	3 5	7
Andrews 3 N	0189	Dutton	13	48 00	103 28	2027	SP		U.S. Border Station	2 3 5	Moffitt 4 SE	8015	Burlingame	8	46 40	100 14	1760	SP		U.S. Agr. & W.L. Sur.	2	3 5	7
Ashtabula	0196	Cass	11	47 00	97 13	1860	SS		W. L. Goshen	2 3 5	Mohall	8025	Renville	12	46 40	101 31	1860	SP		Iver Johnson	2	3 5	7
Ardmore	0209	Slope	1	46 29	101 29	2910	8A		Adrian R. Walker	2 3 5	Mott	6105	Stutsman	5	46 42	98 35	1379	SP		Rolf Hansen	3	7	
Astoria	0263	Bottineau	12	48 58	101 20	1450	7P		W. B. Wegner	2 3 5	Mott	6155	Rettinger	14	46 23	102 20	2420	SS		Forrest E. Coffing	2	3 5	7
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	GP		Albert Thoren	2 3 5	Munch 4 SW	6195	Cavalier	2	48 38	98 53	1598	7P		Harold Feldner	2	3 5	7
Ashtabula	0382	McIntosh	13	47 50	97 13	2025	SS		Soo Line Agent	2 3 5	New England	6315	Rettinger	1	46 33	102 52	2621	GP		Anton Selinger	2	3 5	7
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300	7P		Corps of Engineers	2 3 5													
Balfour	0492	McHenry	12	47 57	100 32	1615	7P		Raymond B. Weller	3	New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550	GP		Richard Steinhach	3	5	
Balta	0500	Pierce	11	48 10	100 02	1550	GP		Anton Schmalz	3	New Salem 1 S	6365	Morton	4	46 50	101 25	2163	GP		William F. Gaehe	2	3 5	7
Bantry	0516	McHenry	12	48 10	100 36	1458	7P		Temple K. Roberts	2 3 5	Newtown	6383	Montrail	4	47 59	102 29	1905	GP		Erwin A. Ventsch	2	3 5	7
Beach	0590	Golden Valley	7	46 55	104 01	2814	8A		Helen Tobias	2 3 5	Northgate	6455	Divide	12	48 53	103 01	1980	GP		George Koste	3	5	
Belcourt Indian Res.	0626	Rolette	9	46 50	99 45	1650	7P		Turtle Mt. Ind. Ag.	2 3 5	Ortonville	6565	La Moure	5	46 33	98 44	1508	GP		Henry L. Briceau	3	5	
Bellevue	0639	Stark	4	46 53	101 11	2592	7P		Carl Indergard	2 3 5	Oakes	6620	Dickey	5	46 08	98 05	1320	8A		E. Carrie Murray	2	3 5	7
Berthold	0729	Ward	12	48 19	101 44	2080	7P		Joseph S. Cox	2 3 5	Park River	6857	Walsh	10	48 23	97 45	998	GP		Martin Severen	2	3 5	7
Bismarck	0766	Mercer	8	46 15	101 47	1710	8A		Mont. Dak. Util. Co.	2 3 5	Perth	6867	Montrail	4	47 57	101 08	1929	GP		C. E. Shubert	2	3 5	7
Bismarck	0786	Towner	2	46 37	99 22	1400	GP		Robert J. Krick	2 3 5	Pemina 2 N	6947	Pemina	10	49 00	97 14	790	GP		U.S. Customs & Im.	2	3 5	7
Bismarck NW Airport	0819	Burlingame	8	46 16	101 45	1650	MID		U.S. Weather Bureau	2 3 5	Pettibone	7027	Neelson	10	48 01	98 00	1524	5P		Rev. Odean Monson	2	3 5	7
Bismarck 12 ENE	0827	Burlingame	8	46 51	100 33	1709	SP		KFYR Transmitter	3	Pettibone	7047	Kidder	8	47 07	99 31	1855	7P		Arthur J. McKay	2	3 5	7
Bottineau	0941	Bottineau	12	48 50	100 27	1460	8A		J. P. Sch. of Frstry	2 3 5	Pingree	7117	Stutsman	5	47 10	98 54	1572	GP		Jerry M. Tinsney	2	3 5	7
Bottle Lake	0951	Burke	12	48 19	101 13	1853	7P		W. H. Hendrickson	2 3 5	Portal	7201	Burke	12	48 09	102 33	1954	9A		U.S. Customs Serv.	2	3 5	7
Bowman Court House	0995	Bowman	3	46 11	103 23	2980	5P		O. H. Hook	2 3 5	Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P		Herbert J. Clark	2	3 5	7
Bowman 11 SE	0998	Bowman	3	46 04	103 19	2810	MID		Bernard L. Domagala	3	Pretty Rock	7311	Grant	1	46 11	101 51	-	GP		Freda Lenz	3	7	
Bowman 30 NW	1001	Slope	1	46 35	103 31	2505	GP		John B. Hanson	3	Raub	7405	McLean	8	47 44	102 04	1885	GP		Alvin Larson	2	3 5	7
Braden	1052	Morton	1	46 24	100 56	1720	7P		Frank E. Potter	2 3 5	Reider 14 N	7452	Slope	1	46 19	102 57	2810	GP		Chas. M. Metzinger	3	5	
Braden	1124	Stutsman	5	47 04	98 48	1572	7P		W. H. Hendrickson	2 3 5	Richardson Abbey	7530	Stark	4	46 53	102 19	2470	5P		Assumption Abbey	2	3 5	7
Burt 16 N	1216	Bellevue	1	46 36	102 08	2340	8A		Jacob Gruebele	2 3 5	Riverville	7585	McLean	8	47 30	101 21	1910	8A		Corps of Engineers	2	3 5	7
Butte	1225	McLean	12	47 50	100 40	1880	8A		Earl R. Ward	2 3 5	Rolla	7655	Rolette	12	48 40	99 30	1622	GP		George F. Gebree	2	3 5	7
Cando	1288	Towner	2	46 29	99 12	1461	7P		Harry E. Harris	2 3 5	Rolla	7684	Rolette	9	48 52	99 37	1819	7P		Thos. H. Fagerlund	2	3 5	7
Carrington	1360	Poster	5	47 27	99 08	1579	7A		Soo Line Agent	2 3 5	Rugby	7704	Pierce	12	48 22	100 00	1560	GP		Frank Horne	2	3 5	7
Carrington	1365	Grant	10	46 23	101 34	2310	8P		Wm. D. Drummond	2 3 5	Sheridan	7749	Ward	8	47 55	101 40	2108	GP		N.D. State Hospital	2	3 5	7
Carron No. 2	1370	Grant	4	46 25	101 34	2310	8P		Wm. D. Drummond	2 3 5	Sioux	7932	Howan	3	46 09	103 08	2776	GP		Frank Tim	3	5	
Cavaler	1435	Pemina	9	46 48	97 35	1890	GP		Willie Hansen Pico	2 3 5	Selridge 11 W	7952	Sioux	3	46 41	101 10	2183	7P		L. E. Wilson	3	5	
Center	1456	Burke	8	47 07	101 18	2100	7P		Fred L. Reine	2 3 5	Sentinel Butte 20 S	7976	Golden Valley	7	46 37	103 49	2662	GP		E. E. Bury	2	3 5	7
Center	1456	Burke	8	47 07	101 18	2100	7P		Fred L. Reine	2 3 5	Sharon	7986	Steele	10	47 36	97 54	1516	GP		Rugh Lyon	2	3 5	7
Center	1456	Burke	8	47 07	101 18	2100	7P		Fred L. Reine	2 3 5	Sharon	7986	Steele	10	47 36	97 54	1516	GP		Rugh Lyon	2	3 5	7
Center	1456	Burke	8	47 07	101 18	2100	7P		Fred L. Reine	2 3 5	Sharon	7986	Steele	10	47 36	97 54	1516	GP		Rugh Lyon	2	3 5	7
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Center	1456	Burke	8	47 07	101 18	2100	7P		Fred L. Reine	2 3 5	Sharon	7986	Steele	10	47 36	97 54	1516	GP		Rugh Lyon	2	3 5	7
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REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

⊙ Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

+ And also on a later date or dates.

* Amount included in following measurement, time distribution unknown.

// Gage is equipped with a windshield.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

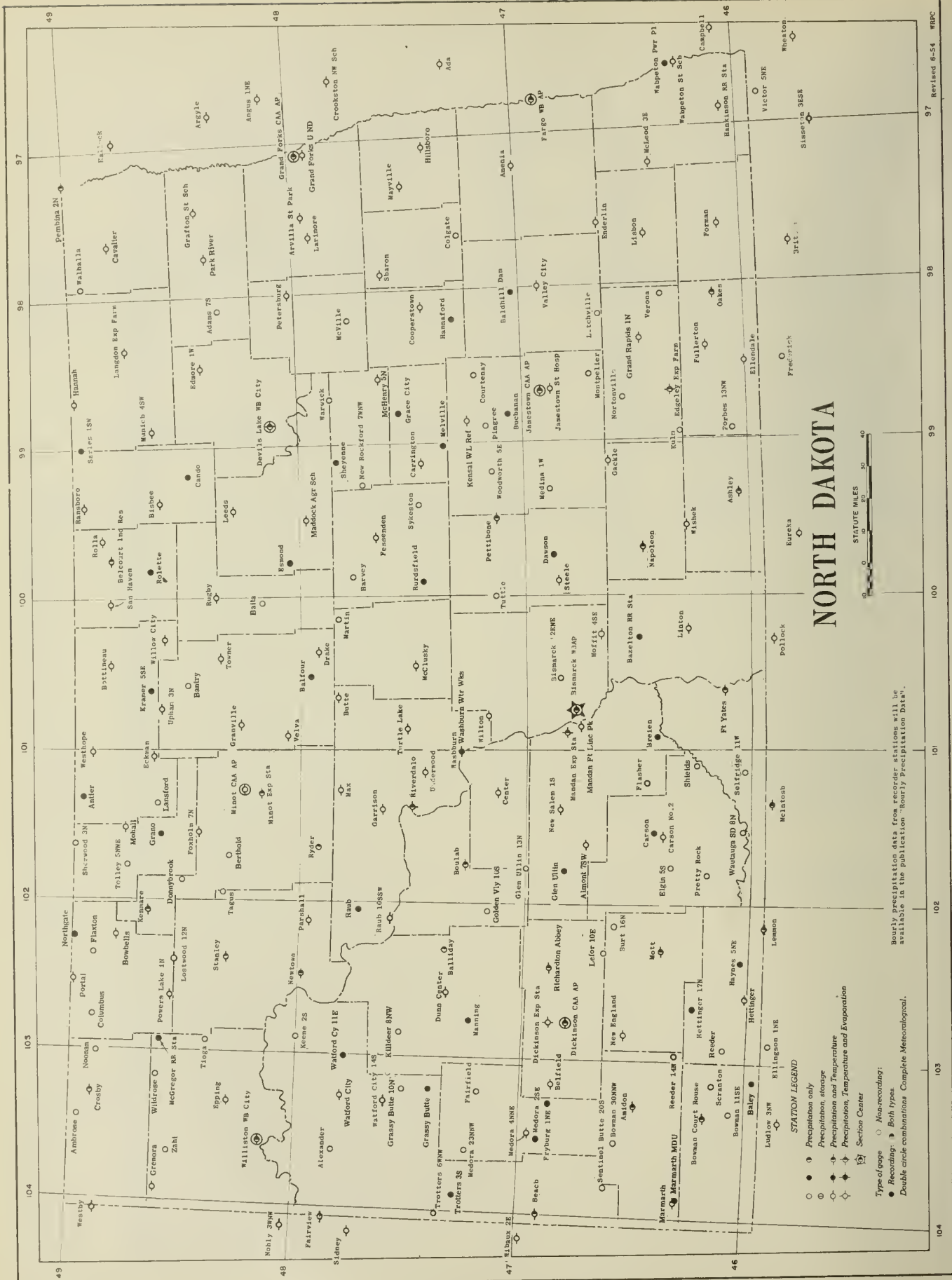
T Trace, an amount too small to measure.

V Includes total for previous month.

SS This entry in time of observation column in Station Index means observation made near sunset.

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NWRC, ASHEVILLE, N. C. -- 5-3-55 -- 880



NORTH DAKOTA



- STATION LEGEND**
- Precipitation only
 - Precipitation strong
 - ◆ Precipitation and Temperature
 - ◇ Precipitation, Temperature and Evaporation
 - ⊙ Section Center
- Type of gauge
- Non-recording
 - Recording
 - ◆ Both types
- Double circle combinations Complete Meteorological.

Bourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

51.05-
VNT
2

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

THE LIBRARY OF THE

JUN 21 1955

UNIVERSITY OF ILLINOIS

MARCH 1955

Volume LXIV No. 3



NORTH DAKOTA - MARCH 1955

WEATHER SUMMARY

Temperatures averaged 18.6° or 6.1° below normal. Precipitation averaged 0.50 inch or slightly less than two-thirds of normal. Most of the precipitation fell as snow which hampered traffic and, combined with the cold weather, slowed farm activities. Livestock were in fair to good condition.

March began with several very cold days. Most stations registered their coldest temperatures on the 5th or 6th. Minimums ranged from 10° below zero at Hankinson to 34° below zero at Hannah and Pembina. The second week was mild, especially over the western portion. A protracted cold spell lasted from the 15th to the 27th. The last few days of the month were mild. Most stations registered their warmest temperatures on the 30th or 31st. Maximum temperatures for the month ranged from 44° at Westhope to 75° at Fort Yates.

Snow fell over northeastern North Dakota on about two-thirds of the days of March. Monthly totals exceeded 10 inches over much of that area and 15 inches at a few stations. The greatest total was 19.5 inches at Grafton. Most of the State south of a line from Wahpeton to the northwest corner received less than five inches of snow during the month. Numerous stations recorded only a few snow flurries.

The heavy snow in the northeastern part of the State blocked the roads at times. Although the second week was mild and excellent for outdoor work, and some thawing occurred, the rest of the month was too cold and, considering the month as a whole, little farm work except the necessary chores was accomplished. Nearly all livestock were being yard fed. The cold windy weather increased the amounts of feed required but supplies were plentiful except for local shortages in some north central counties. Surplus hay is for sale at some points.

Lucius W. Dye

NORTH DAKOTA
MARCH 1955

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation								Percent of possible sunshine	Average sky cover	Average sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12-30A CST	6-30A CST	12-30P CST	6-30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total				
BISMARCK WB AIRPORT	WNW	15	13.0	54	NW	23	75	77	55	58	14	5	1	0	0	0	20	82	6.6		
DEVILS LAKE WB CITY	-	-	9.3	38	N	23	-	-	-	-	6	9	5	0	0	0	20	63	7.		
FAR WB AIRPORT	NNW	16	14.9	50	N	23	77	79	70	74	11	8	2	0	0	0	21	66	7.2		
WILLISTON WB CITY	-	-	8.5	36	W	13	-	77	63	62	11	8	1	0	0	0	20	59	7.0		

COMPARATIVE DATA

Table 1

MARCH

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall
1892	24.2	66	-35	0.83	1.9	1917	22.2	67	-39	0.38	3.9	1942	30.0	66	- 8	1.83	12.8
1893	13.9	68	-35	0.95	10.0	1918	35.0	82	-15	0.40	2.9	1943	17.0	77	-30	1.23	14.8
1894	24.8	69	-22	1.45	10.1	1919	17.8	67	-35	0.78	6.2	1944	16.7	53	-25	0.81	10.2
1895	23.2	75	-35	0.17	1.0	1920	22.4	67	-32	0.83	7.1	1945	33.3	77	-27	1.34	2.4
1896	15.7	70	-35	1.13	8.0	1921	25.2	75	-22	0.97	9.1	1946	34.8	86	-22	0.99	2.9
1897	11.9	58	-48	1.36	8.0	1922	25.8	60	-30	0.71	6.4	1947	22.3	66	-23	0.34	4.1
1898	21.3	79	-24	0.79	6.7	1923	18.3	65	-35	0.38	4.8	1948	17.6	64	-40	0.45	5.4
1899	7.5	72	-30	0.96	10.0	1924	22.5	58	-20	0.48	4.4	1949	21.9	55	-22	0.60	5.7
1900	20.3	77	-24	1.01	8.5	1925	27.4	75	-26	0.68	6.0	1950	19.2	59	-31	1.38	12.9
1901	25.3	85	-32	0.86	5.2	1926	25.8	83	-23	0.24	1.8	1951	12.5	59	-38	0.57	6.4
1902	27.4	65	-25	2.73	11.7	1927	30.4	77	-10	0.72	6.5	1952	18.1	57	-31	0.48	5.8
1903	22.1	80	-24	0.55	5.1	1928	28.1	85	-17	0.52	4.8	1953	26.2	67	-27	0.95	7.4
1904	18.2	64	-26	1.41	11.5	1929	30.5	77	-15	0.78	5.3	1954	23.0	67	-31	0.84	8.3
1905	32.5	81	-25	0.75	2.3	1930	26.1	62	-17	0.09	0.9	1955	18.6	75	-34	0.50	5.8
1906	18.5	67	-34	0.38	3.1	1931	25.7	63	-24	0.94	4.8						
1907	23.1	83	-20	0.72	5.1	1932	18.9	64	-30	0.64	6.0						
1908	21.1	68	-31	1.21	12.1	1933	28.5	70	-14	0.45	3.7						
1909	24.0	61	-24	0.33	2.7	1934	26.3	74	-12	0.49	3.6						
1910	41.3	90	- 7	0.94	0.3	1935	26.3	75	-37	1.26	7.0						
1911	30.6	78	-18	0.23	1.6	1936	25.4	61	-27	0.81	8.1						
1912	15.4	65	-28	0.37	3.6	1937	24.8	72	-20	0.39	4.3						
1913	17.2	70	-31	0.85	8.2	1938	33.1	72	-14	0.59	2.5						
1914	25.5	76	-20	0.68	9.2	1939	23.3	81	-29	0.39	5.3						
1915	22.9	63	-23	0.22	2.0	1940	23.1	64	-26	0.87	9.1						
1916	20.3	69	-45	1.42	13.5	1941	24.5	68	-25	0.58	6.8						

AVARAGES FOR THE PERIOD FROM 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature										Precipitation																
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days						
											Max.		Min.						Total	Max. Depth on Ground	Date	.18 or More [°]	.50 or More	1.00 or More	or Me or Me			
											30° or Above	or Below	32° or Below	0° or Below														
EASTERN DIVISION																												
AMENIA		29.6	7.2	18.4	- 6.3	60	30+	-19	7	1439	0	15	31	12	0.55	- 0.21	0.25	23	9.0	12	2+	2	0	0	0	0	0	0
ARVILLA STATE PARK	AM	26.5	1.4	14.0		53	30	-25	7	1576	0	17	31	15	0.73		0.24	23				3	0	0	0	0	0	0
CARRINGTON		30.2M	5.2M	17.7M	- 6.0	61	31			1400	0	17	30	15	0.21	- 0.48	0.12	23	3.0			1	0	0	0	0	0	
CAVALIER		23.0	1.3	12.2	- 8.8	53	31	-18	6	1633	0	23	31	16	0.66	- 0.10	0.16	19+	11.1	13	3+	3	0	0	0	0	0	
COOPERSTOWN		28.9	5.2	17.1	- 7.2	60	30	-21	6	1482	0	17	31	14	0.41	- 0.30	0.20	23	8.3	15	2+	1	0	0	0	0	0	
DEVILS LAKE WB CITY	R	25.4	3.5	14.5	- 8.1	61	30	-20	6	1564	0	21	30	19	1.27	0.54	0.31	23	16.6	8	5	5	0	0	0	0	0	
EDGELEY EXP FARM		AM	33.0	9.0	21.0	- 6.3	69	31	-13	5	1357	0	16	30	10	0.18	- 0.65	0.05	4	2.5			0	0	0	0	0	
EDMORE 1 W		24.7	1.3	13.0	- 8.1	58	30	-18	4+	1604	0	20	30	15	0.83	0.14	0.36	23	11.0	11	23+	4	0	0	0	0	0	
ELLENDALE	AM	37.5	11.4	24.5	- 2.7	73	30	-12	5	1250	0	12	29	6	0.20	- 0.75	0.07	5	3.0	8	7	0	0	0	0	0	0	
ENDERLIN		29.2	6.2	17.7		64	31	-17	7	1460	0	17	31	12	0.29		0.16	1				2	0	0	0	0	0	
FARGO WB AP		R //	28.0	5.5	16.8	- 8.5	60	30	-18	6	1487	0	17	29	15	0.63	- 0.26	0.17	11+	7.4	7	1+	2	0	0	0	0	
FORMAN		34.1	10.8	22.5	- 3.5	70	30	-13	7	1313	0	14	30	7	0.08	- 0.72	0.08	5				0	0	0	0	0	0	
FULLERTON		35.4	10.7	23.1	- 4.0	70	30	-13	5	1292	0	13	30	6	0.37	- 0.69	0.18	5	3.7	9	5+	2	0	0	0	0	0	
GACKLE		33.3	8.7M	21.0M	- 4.3	67	30			1359	0	14	31	10	0.13	- 0.72	0.06	4	1.5	7	4+	0	0	0	0	0	0	
GRAFTON		23.0	0.8	11.9	- 9.8	51	31	-25	6	1641	0	22	31	16	0.90	- 0.20	0.29	23	19.5	26	23+	3	0	0	0	0	0	
GRANO FORKS CAA AP	R	24.6	- 0.5	12.1	-10.4	50	31	-25	6	1637	0	20	31	19	1.45	0.67	0.57	19	16.5	15	20+	3	1	0	0	0	0	
GRANO FORKS UNIVERSITY		24.2	2.2	13.2	- 9.3	51	31	-23	6	1602	0	21	30	16	0.97	0.19	0.27	19	13.4	16	23+	4	0	0	0	0	0	
GRAND RAPIDS 1 N		35.3	8.2	21.8		69	30	-18	7	1333	0	14	30	9	0.45		0.12	7+	3.8	12	7	4	0	0	0	0	0	
HANKINSON R R STATION		AM	33.4M	7.2M	20.3M	- 8.3	65	31	-10	6+	1374	0	17	31	10	T	- 0.82	T	5+	T			0	0	0	0	0	
HANNAH		21.5M	- 3.2M	9.2M	-10.0	55	30	-34	6	1718	0	23	31	18	0.72	- 0.00	0.17	13	6.1	8	7	2+	0	0	0	0		
HILLSBORO		27.5	4.2	15.9	- 9.4	54	30+	-21	7	1518	0	17	31	14	0.72	- 0.04	0.19	17	13.0	14	8+	4	0	0	0	0		
JAMESTOWN CAA AP	R //	30.9	7.3	19.1	- 5.3	67	30	-14	5+	1414	0	17	31	12	0.23	- 0.67	0.06	4	2.3	7	5+	0	0	0	0	0		
JAMESTOWN STATE HOSP		32.5	9.3	20.9	- 5.5	67	30	-13	6	1362	0	13	30	10	0.42	- 0.48	0.10	2	2.4			1	0	0	0	0		
KENSAL WILOLIFE REFUGE		32.0	7.5	19.8		65	30	-17	6	1397	0	15	30	11	0.56		0.17	23	9.2	6	2+	1	0	0	0	0		
LANGDON EXP FARM		22.5	2.4	10.1	- 9.7	52	30	-33	6	1702	0	23	31	18	0.79	- 0.01	0.23	23	8.0	11	23+	2	0	0	0	0		
LARIMORE		26.0	2.5	14.3	- 8.4	52	30+	-20	6	1564	0	22	30	17	0.64	- 0.17	0.36	23	9.4	16	23	3	0	0	0	0		
LISBON		34.6	8.6	21.6	- 5.7	66	31	-20	7	1340	0	14	31	9	0.12	- 0.61	0.03	4	1.1	7	1+	0	0	0	0	0		
MAYVILLE		26.8	4.2	15.5	- 9.2	56	30	-22	6	1527	0	18	31	13	0.54	- 0.15	0.17	17	6.8	13	1+	2	0	0	0	0		
MC HENRY 5 N		27.7	5.1	16.4	- 6.6	62	30	-20	6	1498	0	17	30	13	0.30	- 0.39	0.15	23	3.7	8	1+	1	0	0	0	0		

CLIMATOLOGICAL DATA

NORTH DAKOTA
MARCH 1955

TABLE 2 - CONTINUED

Station		Temperature											Precipitation											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
											M ax. Min.								Total	Max. Depth on Ground	Date	.16 or More	.50 or More	1.00 or More
											60° or Above	32° or Below	32° or Below	0° or Below										
MC LEOD 3 E		33.9	-	10.6		64	30	-28	6	1684	0	15	31	17	0.03	-	0.03	23	0.8			0	0	0
MUNICH 4 SW		22.0	-	10.6	-	55	30			1684	0	22	31	17	0.58		0.20	23	7.0	11	23+	3	0	0
OAKES		31.7	8.6	20.3	-	70	31	-18	7	1381	0	16	30	8	0.35	-	0.07	4	3.1	8	1+	0	0	0
PARK RIVER		23.9	2.4	13.2	-	51	31	-19	6	1600	0	23	31	16	0.77	0.11	0.30	23	8.7	11	23+	3	0	0
PEMBINA 2 N		22.2	4.3	9.0	-	46	8+	-34	6	1735	0	24	31	18	0.85	0.05	0.24	23	8.0	24	1+	4	0	0
PETERSBURG		25.4	2.8	14.1		53	30+	-24	6	1575	0	20	31	15	0.98	0.25	0.43	23	14	23+	3	0	0	0
SHARON		26.9	4.8	15.9	-	56	30	-21	6	1518	0	19	30	14	0.81	0.19	0.22	23	10.0	16	5+	3	0	0
VALLEY CITY		31.4M	8.0M	19.7M	-	64	30+	-15	6+	1398	0	15	31	9	0.35	-	0.09	4	4.0			0	0	0
WAHPETON STATE SCHOOL		33.7	9.5	21.6	-	64	30+	-13	7	1340	0	15	31	8	0.23	-	0.08	12	2.6	10	1+	0	0	0
DIVISION				16.8	-	7.3									0.53	-	0.29		7.0					
MIDDLE DIVISION																								
ASHLEY		21.9M	-4.1M	8.9M		69	30	-25	6	1738	0	24	30	19	1.76		1.30	23	10.0	18	23+	2	1	1
BELLCOURT INDIAN RES		22.5M	1.3M	11.9M	-10.6	57	30	-24	6	1641	0	24	30	17	1.28	-0.57	0.68	23	12.5	12	23+	3	1	0
BISBEE		30.1	10.6	23.4	-3.3	73	30	-17	5	1283	0	13	31	6	0.26	-0.50	0.12	4	2.7	3	1	1	0	0
BISMARCK WB AP		20.8	-2.9	9.0	-11.8	50	30+	-28	6	1734	0	24	30	18	1.33	0.66	0.53	23	13.1	16	23+	4	1	0
ROTTINEAU		28.7M	4.0M	16.7M	-4.7	72	31	-18	5	1519	0	19	30	14	0.29	-0.53	0.12	19	5.0	6	5+	1	0	0
BUTTE		36.5M	12.0M	24.3M	-2.7	66	29			1244	0	12			0.10	-0.76	0.10	4	1.0			1	0	0
CARSON NO 2		36.6	9.4	23.0	-3.5	67	29+	-18	5	1297	0	12	31	8	0.07	-0.66	0.07	4	T	3	1+	0	0	0
CENTER		27.9	5.2	16.6	-8.1	69	31	-21	6	1496	0	19	30	16	1.08	0.38	0.60	23	8	23+	3	1	0	0
DRAKE		24.3M	0.0	12.2M	-10.8	46	31	-28	6	1648	0	31	18		1.15	0.59	0.38	23	11.5			6	0	0
FESSENDEN		32.0	7.7	19.9	-3.8	67	30	-20	6	1393	0	13	31	12	0.43	-0.32	0.31	23	5	1+	1	0	0	0
FORT YATES		42.2	12.6M	27.5M	0.3	75	30	-17	5	1157	0	9	29	5	0.18	-0.63	0.13	4	1.9	4	4+	1	0	0
FOXHOLM 7 N		30.0	5.4	17.7	-7.7	63	29	-20	5+	1463	0	14	29	12	0.49	-0.23	0.18	19	6	4	4+	2	0	0
GARRISON		30.4	7.5	19.0	-5.4	66	30	-19	5	1423	0	18	31	11	0.17	-0.62	0.07	23	1.7	3	1+	0	0	0
GRANVILLE		31.2				69	30			0	15				1.16	0.62	0.74	23	15.0	10	19+	3	1	0
HANSBORO		22.5M	0.0M	11.3M	-9.4	54	30	-24	6	1662	0	22	30		0.53	-0.35	0.15	23	11.6	15	25+	2	0	0
LEEO		25.5	3.2	14.4		60	30	-23	6	1567	0	20	30	15	1.22		0.46	23	15.9	7	4+	4	0	0
LINTON		38.2	10.1	24.2	-3.8	72	30	-22	5	1260	0	10	30	7	0.10	-0.68	0.10	4	2.0	7	4+	1	0	0
MADDOCK AGR SCHOOL		29.5	5.0	17.3	-7.0	62	30	-23	6	1473	0	15	31	13										
MANOAN EXP STATION		35.1	11.4	23.3	-3.5	72	31	-16	5	1285	0	16	29	8	0.12	-0.72	0.05	12	2.1	3	5+	0	0	0
MANOAN FT LINCOLN PARK		40.0	11.6	25.8		74	30	-16	5	1208	0	9	29	7	0.12		0.05	4	2.0	2	2+	0	0	0
MAX		29.0	5.6	17.3	-7.2	64	30+	-19	5	1474	0	18	30	13	0.75	0.01	0.35	23	4.5	6	1+	3	0	0
MC CLUSKY		32.5	8.5	20.5	-5.7	71	30	-19	5+	1375	0	14	30	10	0.44	-0.34	0.20	23	3.7	2	1+	2	0	0
MINOT CAA AP		27.6	6.9	17.3	-6.3	64	30	-22	5	1475	0	17	29	13	0.61	0.00	0.27	19	7.3	4	20+	2	0	0
MINOT EXP STATION		27.3	5.4M	16.4M		65	31	-20	5	1501	0	19	29	15	0.44		0.22	19	8.9	7	4	2	0	0
MOFFIT 4 SE		37.3	9.1	23.2		74	30	-18	5	1291	0	11	31	12	0.16		0.05	11	1.6	7	4+	0	0	0
MOHALL		23.4	1.5	12.5	-9.0	48	30	-25	6	1625	0	20	30	17	1.19	0.48	0.32	23	14	23+	5	0	0	0
NAPOLEON		34.6	10.0	22.3	-1.0	69	30	-18	5+	1313	0	13	30	8	0.25	-0.62	0.15	4	1.5	8	4+	1	0	0
NEW SALEM 1 S		36.4	11.5	24.0	-2.2	67	29	-18	5	1267	0	11	31	6	0.32	-0.38	0.15	4				1	0	0
PETTIBONE		31.4	7.9	19.7	-4.7	63	30+	-20	5	1401	0	15	30	10	0.56	-0.07	0.30	23	2.0	7	7	2	0	0
RIVERDALE		31.5	8.0	19.8		66	30+	-16	5	1395	0	16	29	11	0.25		0.06	5	1.0	4	1+	0	0	0
ROLLA		22.9	0.0	11.5	-9.7	53	30	-20	5+	1659	0	22	30	17	1.06	0.16	0.40	23	11.9	20	23+	3	0	0
RUGBY		28.5	3.6	16.1		60	30	-26	6	1513	0	17	30	15	1.29	0.60	0.50	23	17	23	4	1	0	0
SAN HAVEN		24.4	2.4	13.4	-7.1	54	30+	-21	6	1597	0	22	29	17	0.88	0.26	0.45	23	10.9	21	23+	1	0	0
STEELE		30.4	9.6	23.0	-1.5	71	30	-19	5	1298	0	13	29	9	0.24	-0.48	0.10	4	4.5	6	4+	1	0	0
TOWNER		30.2	3.0	16.6	-6.0	56	30	-30	6	1494	0	15	31	14	1.79	1.01	1.50	23	13.0	16	3+	2	1	0
TURTLE LAKE		35.1	7.8	21.5	-3.7	70	30	-20	5+	1342	0	14	31	10	0.30	-0.51	0.11	23				1	0	0
UNDERWOOD		32.3	5.4M	18.9M	-10.0	68	31	-21	5	1428	0	17	31	13	0.44	-0.30	0.20	23		11	7+	2	0	0
UPHAM 3 N		26.7	-1.9	12.4		50	30+	-33	6	1630	0	19	31	18	0.86		0.41	23				3	0	0
VELVA		32.2	7.7	20.0	-5.3	68	30	-21	6	1389	0	14	29	11	0.68	0.09	0.25	19	9.5	6	1+	2	0	0
WASHBURN		36.3	10.3	23.3	-2.2	70	30	-19	5	1289	0	11	30	6	0.04	-0.65	0.03	4	0.5			0	0	0
WESTHOPE		22.0	-1.5	10.3	-12.2	44	30	-33	6	1694	0	23	31	18	1.32	0.73	0.53	23	17.5	12	23	5	1	0
WILLOW CITY		24.7	-2.3	11.2	-8.4	53	30	-27	6	1663	0	20	31	18	0.76	0.02	0.25	23	10.0	8	23+	2	0	0
WILTON		34.8	8.3	21.6	-3.4	70	30	-20	5	1342	0	12	31	9	0.34	-0.43	0.10	4				1	0	0
WISHEK		35.0M	8.6M	21.8M	-4.3	67	30	-17	5	1336	0	14	30	12										
DIVISION				18.2	-6.1										0.64	-0.14			6.8					
WESTERN DIVISION																								
ALMONT 7 SW		36.9	12.6	24.8		67	29	-17	5	1241	0	12	28	5	0.29		0.19	11	1.7	4	1+	1	0	0
AMIDON		34.7	11.9	23.3	-4.9	65	30	-19	5	1288	0	15												

DAILY PRECIPITATION

NORTH DAKOTA
MARCH 1955

Table 3

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ADAMS 7 S	.77	.04	.01		.04	.02			.02	.03			.02		.05		.08	T		.12	.06		.15											
ALEXANDER	.55				.07	.03							.19		.05								.16		.15	.01	.02							
ALMONT 7 SW	.29	T																					.03							.05	T			
AMBROSE 3 N	.62		.05	T		.03							.02							.01	T		.18		.05	.07	T							
AMENIA	.55		.13			.06								.09					.01					.05	.25				.01					
AMIOON	T																																	
ARVILLA STATE PARK	.73			.03		.02	T						.08	.02					.11		T		.19								T			
ASHLEY	-	T			.07	-		-	-	-	-	-																			.04			
BALTA	1.09	.04		.01									.02	.02	.10	-	-			.02	.02		.28		.55					.03				
BANTRY	.31		T		T	T	.07														.06	.06		.12	T									
BEACH	.23		.01		.02	T	.01		.02								.01	T		.01			T	.01		.03	.10			T	.01			
BELCOURT INDIAN RES	1.76		.06	T							.02			.06					.03	.07	T	.08			.10									
BELFIELD	.15		.03	.03	.03	T							.04						.02	T					1.30									
BESTHOLD	.72		.01						.01										.01	.06					.10									
BEULAH	.02					T	.01		.01												T										T			
BISBEE	1.28		.02	.02									.05	.22								.29				.68								
BISMARCK WB AP	R// .26	T	.04	T	.12	.02	T	.01					.06	T	T						T	T	T	T	T	T	T			.01				
BISMARCK 12 ENE		-	-	-	-	-	-	-	-	-	-	-	.04																					
BOTTINEAU	1.33	.07	.01	.05	T	.04	T		.01	.01			.03	T	.18	.10	T	T		.02	.02	.25	.01											
BOBBELLS	1.22		T	.33	.04	T	T							.25							.02	.02	.25								.06			
BOWMAN COURT HOUSE	T																																	
BOWMAN 11 SE	.11													.11	T																			
BOWMAN 30 NNW	.02																																	
BURT 16 N	.29				.01									.26																				
BUTTE	.29			T		.05									T	T				.06	T		.12											
CARRINGTON	.21							.05											.04															
CARSON NO 2	.10				.10										T																			
CAVALIER	.66	.05		.05	T	.06		T	T	T				.05	.13					T	T		.16											
CENTER	.07				.07		T																											
COLGATE	.26		.06										.09	T					.04	T					.07									
COLUMBUS	.65		T		.05									.12					.01			.18		.02	.22									
COOPERSTOWN	.41		.05	T	T	.03		T	T					.04	.03	T			.03	T				.20										
COURTNEY	.60		.21	.02	T			.05	T					.06											.24									
CROSBY	.61		.02	.02	.05		T						.07	T	.05	T		.01	.01	.05	.15			.12	.05					.01				
DEVILS LAKE WB CITY	R .127	.03	.01	.01	.09	.01		.04					.04	T	.17	T	T	.08	.06	.11	.19			.12	.31									
DICKINSON CAA AP	.21	T	T		.13	.01	T	T	T					.01							T	T	.01	T		.02	T	T			.01			
DICKINSON EXP STATION	R// .15	T			.01	.02	.03	T	T					.02	T			.02	T		T	T	.01	T	T	.01	.02	T			.01			
DOONSBROOK	1.02																				.10				.27	T								
DRAKE	1.08		-	-	-	T	.10		T	T			T	T					.02	.03	.20	.03			.60	.08					.02			
DUNN CENTER		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ECKMAN	1.15	.11		.02					T	.02				.11	.15				.11		.25				.38									
EDWELLY EXP FARM	.18	.02			.05	.04	.01		.01	.01				.01									.02								.01			
EDMORE 1 W	.83			.14		.03		T								.07	T		.02	T		.21			.36									
ELGIN S S	.04		T		T	.02	T		T							T	T	T																
ELLENOALE	.20				.06	.07		.05	T	T		.02	T	T			T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
ENDERLIN	.29	.16	T				.13																											
EPPLING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.02	.11			.08	.08								
FAIRFIELD	R// .06			T	T	.02	T	-	-	-	-	-	-	-	-	-	-	-	-	-														
FARGO WB AP	.63	.05	.04	T	.03	.03	T						.17	T			T	T	T	.02	.01	.02	T	T	T									
FESSENDEN	.43				.06	.05															T			.01		.31								
FLASHER	.12				.03									.06																				
FLAXTON	.87	.02	.05	T	.04		T				T		.14	.06																				
FORBES 13 NW	.10			.10				T																										
FORMAN	.08				.13	.08		T																										
FORT YATES	.18																																	
FOXHOLM 7 N	.49	.02	.02	T	.03									.02		.04					T	.03	T	.18										
FULLERTON	.37				.12	.18	.02	.02																										
GACKLE	.13				.06	T		.05					.02																					
GARRISON	.17		T	T		.05	T	.01	T																									
GLEN ULLIN 13 N	T																																	

DAILY PRECIPITATION

Table 3--Continued

NORTH DAKOTA
MARCH 19

Station	Total	Day of month																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
NEW ROCKFORD 7 WNW	.27	T	T					T			T	T	T					.06						.21		T										
NEW SALEM 1 S	.32		.04		.15	T		.04			T	.06	T					T	T	T			.01	T	T											
NEWTON	.42	T	T		.10			.03						.03				T	.07				.13	.06												
NOONAN	1.17		.07	T		.09	T											T	T				.05	.42												
NORTONVILLE	.14				.09			.05					.17	.14					.07		.16		.05	.42												
OAKES	.35	.05	T		.07	.06		.04	.04			T					T		.02	.02	T	.05	.02				T	T								
PARK RIVER	.77	.02	T	.02	.01	.05							T	.11	T			.02	.02	.22			.30													
PARSHALL	.26	T		T	.05			.01				T	.01	.01				T	T	.15			.03													
PEMBINA 2 N	.85	.17	.01					T						.09					.21				.24		.13											
PETERSBURG	.98		.04	.03	.04	.03		.03										.20	.21	.18			.43													
PETTIBONE	.56		.05					.17				.04											.30													
PINGREE	.75	.01	.15		.07							T						.01		.02			.33													
PORTAL	.64	.09	T	T	T	.09		T	T			T	T	.24				T	T	.11			.11													
POWERS LAKE 1 N	.98	T	T	T	T	T	.02				T	.01	T	.07				T	T	.03			.25													
PRETTY ROCK	.14		T		.06	T					T	T					.02						.06	T		T										
RAUB 10 SSW	.23				.16	T	T					.04					T			.03	T	T	T													
REEDER	.05				T	T					.02									.03	T	T	T													
REEDER 14 N	.06				T	T						T		.02						.03	T	T	T													
RICHARDSON ABBEY	.18		T	T	.11			T		T		.01		.02			T	T	T	.02	T		.04	T		T	T									
RIVERDALE	.25	T	T	T	T	.06	.02	T	.02	T		.03	.03				T	T	T	.02	T		.05	T												
ROLLA	1.06	.03	.03		.06			T		.03	T	.09	T	.19				.04	.09	.10			T	.40												
RUGBY	1.29	T	.02	T	.07	.01	T	T	T		T	.01	.16							.10			.42													
RYDER	.47	.03	T		.03	T		.05	T			.04	.16						.04	.23			.05													
SAN HAVEN	.88	.05	.01	.02	.03			T	T	.02	T	.05	.04	.09				.01	.02	.09			.45													
SCRANTON	.15			T	.08		T					.07							T	T			T	T	T											
SELFRIEGE 11 W	.75				.40							T									.10		.25													
SENTINEL BUTTE 20 S	T				T		T											T	T	T			T													
SHARON	.81		.05	T	.05	.05		T	.01			.15		.01		.01		.09		.17			.22													
SHERWOOD 3 N	1.20	.05	.13	.01	.02					.11		.13	.01	.20	.01		.10	.08	.07	.13			T	.15												
SHIELDS	.42				.37							T											.05													
STANLEY	.43	.03						T						.13			T	T		.09			.18													
STEELE	.24	T	T	T	.10	.04	.02	.02	T			.02					T	T		T	T		.04													
SYKESTON	.19	T	T	T	T	T					T			T			T	T		T	T		.19	T												
TAGUS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	.10	.10	.10			.10	.10												
TIOGA	.34	.04												.08						.10			.07													
TOLLEY	1.01		.07			T		T				.01	.06	.10				.02		.31			.44	T												
TOWNER	1.79	.05	.07	.04								T		.11				.09					1.50													
TROTTERS 6 WNW	.18		.02		.03		.01	.02									T		T			.06														
TURTLE LAKE	.30	T	T	T	.07			.08			T	T	T	T				T	T	.04			.11													
TUTTLE	.26	T	.05		.05	.03	T	.02	T			.02					T		T				.09													
UNDERWOOD	.44	.01			.12	.02	.04					.01	.02					T	T		.02		.20													
UPHAM 3 N	.86	.07	T		.05		.09			T	T	.11		.02				T	T	.01	.19		.41													
VALLLEY CITY	.35	T	.05		.09							.08								.02	.01		.08													
VELVA	.68	T	T	T	.07	T	T	.03			T	.01		.06		T	T	.02	.03	.25			.22													
VERONA	.01			T	T																	T														
WAMPETON STATE SCHOOL	.23		.03		.03	.06		T			T	.08					T		T		.01	T														
WALHALLA	1.48	.25	T	.05	T									.45			T		T				.39													
WARWICK	.53							T											.07	.01	.16		.29	T												
WASHBURN	.04				.03		.01							T																						
WATAUGA 5 OAK 8 N	.22	T		T	.19		T										T	T			T		.03													
WATFORD CITY	.34				.05		.03						.06								.06		.14													
WATFORD CITY 14 S	.11	T			.01	T	.01	T					T									.09														
WESTHOPE	1.32	.06	.18		.05							.07							.06	.10			.53													
WILDROSE	.86	T	T	T	.16															.42			.28	T												
WILLISTON WB CITY	.42	.05	T	T	.03	.03	T	.01	T		T	T		.03	T	T			.01	.06			.16	.04	T											
WILLOW CITY	.76	.07	.08		T			T	T		T	.15		.05			.03	T	.04	.09			.25													
WILTON	.34		.02		.10	.01	.03	.03					.03						T	.01	.02		.08													
WISHEK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WOODWORTH 5 E	.39		.33		.06	T		T																												
ZAHL	.48	.02	.03	T	.02		.02	T			T	.06		.10	T			.01		.07			.07	.08												

Table 5

DAILY TEMPERATURES

NORTH DAKOTA

MARCH 1955

Station		Day Of Month																															Average			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
ALMONT 7 SW	MAX MIN	30 8	18 5	38 12	26 -1	14 -17	14 -8	38 6	49 28	57 30	45 31	44 28	47 20	44 29	34 18	22 9	39 2	32 14	49 14	40 7	22 4	33 5	41 15	28 2	11 -4	11 -8	27 6	43 8	58 22	67 35	63 36	59 35	36.9 12.8			
AMENIA	MAX MIN	36 -12	12 -4	22 10	11 -2	9 -6	-15	22 -19	41 19	38 27	33 17	34 9	35 19	40 10	35 24	27 11	22 -2	15 6	37 34	36 14	15 0	27 3	40 13	38 12	14 -3	8 -10	18 5	31 -2	47 15	52 30	60 30	60 32	29.6 7.2			
AMIOON	MAX MIN	31 7	26 14	28 15	34 2	4 -19	15 -10	29 -4	41 28	49 27	55 33	44 28	49 29	48 21	46 15	29 11	20 0	40 12	34 15	49 15	22 3	16 2	31 13	45 -2	13 -5	10 -10	14 -4	30 8	44 27	60 37	65 31	55 29	34.7 11.9			
ARVILLA STATE PARK	MAX MIN	35 -19	9 -8	13 2	5 -10	4 -20	0 -22	21 -25	44 20	40 21	36 8	33 10	33 16	40 7	35 19	26 11	17 -6	13 -1	23 -10	23 6	20 -18	25 -11	34 0	30 10	12 -5	10 -9	15 7	33 -16	41 15	46 19	53 25	52 31	26.5 1.4			
ASHLEY	MAX MIN	33 -1	28 2	30 12	20 4	4 -17																											51 15	60 26	69 57	57
BEACH	MAX MIN	34 -4	26 12	30 14	38 -1	1 -21	14 -12	28 -7	41 27	47 26	50 27	42 31	44 23	45 27	41 13	27 9	17 4	35 9	29 18	45 15	18 2	19 3	33 9	43 -3	11 -6	9 -9	9 -4	28 9	45 23	59 29	65 32	52 29	33.1 10.5			
BELCOURT INDIAN RES	MAX MIN	10 -8	1 -14	13 -13	7 -11	0 -23	0 -25	28 -16	47 20	39 23	34 7	27 5	27 9	34 11	27 7	17 -4	11 -20	12 -9	19 -7	15 -7	9 -22	21 -23	30 -10	20 7	9 -8	10 -14	17 -5	28 -20	42 14	48 10	55 22		21.9 -4.1			
BELFIELD	MAX MIN	30 13	27 11	29 13	23 -5	12 -9	20 -10	41 20	48 14	55 26	43 29	44 21	42 29	35 29	22 21	39 29	29 21	46 21	10 3	18 3	33 2	25 20	10 2	33 20	25 -3	10 -6	28 -8	46 5	60 38	68 55	55 33	35.4 12.3				
BEULAH	MAX MIN	26 -4	28 1	12 5	24 -1	10 -3	7 -22	23 -14	35 14	44 22	53 28	40 25	43 20	42 20	40 15	25 9	16 -3	36 2	26 9	44 8	17 0	15 -4	31 -3	43 1	15 -5	8 -8	10 -12	25 0	43 -2	56 18	68 29	62 33	31.2 4.9			
BISBEE	MAX MIN	6 -11	6 -10	3 -15	0 -21	2 -24	0 -24	30 -14	39 21	37 24	27 10	27 8	16 12	13 16	10 -3	16 -16	10 -9	16 -9	10 -4	16 6	10 -9	25 -10	23 6	14 0	10 -12	11 -10	14 2	32 -6	44 14	49 23	57 29	47 33	22.5 1.3			
BISMARCK W8 AP	MAX MIN	33 -1	15 2	27 5	18 -3	12 -17	7 -10	39 5	51 27	55 30	48 28	44 44	45 45	47 28	32 18	22 5	37 1	32 12	50 10	35 7	19 6	33 3	42 14	21 3	13 -3	29 -6	44 6	57 18	68 27	73 28	59 30	36.1 10.6				
BOTTINEAU	MAX MIN	13 -7	17 -13	5 -9	14 -10	10 -27	4 -28	3 -22	34 17	37 26	34 27	22 31	31 23	25 19	35 8	18 6	12 -25	11 -8	11 6	21 15	15 -17	12 -19	19 -5	30 11	19 -2	3 -16	14 -10	21 -12	26 4	37 19	50 31	50 34	20.8 -2.9			
BOWBELLS	MAX MIN	26 -11	19 -10	4 -5	10 -5	0 -23	23 -23	19 -14	35 16	40 25	42 19	27 12	38 15	35 19	33 8	18 1	10 -15	20 -8	18 2	26 5	12 -16	15 -10	25 2	11 -4	14 -14	5 -13	10 -7	20 -3	37 18	41 23	50 26	50 34	23.2 1.4			
BOWMAN COURT HOUSE	MAX MIN	30 18	27 16	36 24	30 -4	14 -21	22 -10	40 22	50 32	57 24	51 32	40 30	48 20	43 29	34 18	27 12	40 3	38 15	47 15	19 5	33 -3	11 5	33 17	18 -2	11 -4	28 -10	43 6	61 20	64 33	62 31	60 13	38.5 13.5				
BUTTE	MAX MIN	26 -5	30 -7	10 0	16 -0	3 -18	5 -17	15 -17	35 15	42 41	46 21	32 19	42 17	36 22	42 15	8 8	17 -6	25 -6	22 6	43 8	12 -7	12 -3	30 5	37 5	12 -5	7 -9	13 0	2 0	40 27	50 37	64 27	72 31	28.7 4.6			
CARRINGTON	MAX MIN	26 -8	32 -8	8 -8	18 -4			13 -17	35 10	41 22	34 25	41 22	34 22	36 25	34 15	24 15	21 -7	22 -5	22 4	41 9	15 -7	21 -1	34 8	32 8	12 -7	28 -10	29 -12	33 22	44 22	49 27	61 34	30.2 5.2				
CARSON NO 2	MAX MIN	30 -3	15 0	21 7	35 12	20 0		55 15			46 25	49 22	44 16	36 10	33 6	20 10	38 3	35 15	40 6	37 19	19 5	33 7	42 10	10 -2	12 -8	8 -2	32 -6	43 6	58 21	66 35	64 63	63 12	36.5 12.0			
CAVALIER	MAX MIN	8 -12	6 -13	4 -4	5 -13	3 -6	1 -18	16 -16	46 12	40 19	30 6	30 6	28 14	37 6	37 10	22 3	14 -11	12 -1	19 -7	18 6	17 -15	25 8	25 0	22 11	14 -5	12 -8	15 -6	15 -8	38 8	40 17	44 28	53 32	23.0 1.3			
CENTER	MAX MIN	30 7	15 1	30 5	25 0	11 -18	7 -15	38 -3	48 25	53 26	47 31	47 25	48 21	42 25	36 16	32 10	37 -3	44 7	38 8	17 1	32 0	43 13	41 2	11 -4	10 -7	26 5	43 1	56 16	67 29	67 27	57 31	36.6 9.4				
COOPERSTOWN	MAX MIN	32 -11	8 -8	20 8	12 0	9 -12	0 -21	25 -26	42 19	37 21	32 19	35 15	41 14	33 20	25 8	17 -5	16 0	33 -3	28 11	17 -12	28 6	38 8	35 13	14 -7	9 -9	21 -6	33 6	46 18	53 49	60 30	59 30	28.9 5.2				
CROSBY	MAX MIN	26 1	8 -7	7 -6	4 -9	5 -25	8 -21	37 7	42 22	40 25	36 19	37 22	35 17	31 18	22 6	16 1	23 -10	19 -5	36 8	19 5	15 -14	27 -8	29 -4	20 -5	4 -11	8 -10	23 1	43 22	54 31	51 31	51 31	26.2 4.2				
DEVILS LAKE W8 CITY	MAX MIN	30 -4	7 -7	10 -5	7 -11	0 -15	1 -20	34 -7	40 24	37 22	35 12	30 12	25 13	40 16	27 12	18 -2	15 -8	11 -1	25 -6	16 -6	11 -8	25 -3	38 8	27 -2	9 -9	10 -11	16 -3	45 19	53 28	61 31	52 33	25.4 3.5				
DICKINSON CAA AP	MAX MIN	31 -9	25 8	35 15	20 -14	13 -19	26 -11	39 22	48 30	57 28	45 28	45 23	47 20	43 25	30 12	19 9	40 4	28 12	47 17	24 5	21 4	32 3	43 5	15 -2	12 -5	10 -9	29 -7	45 6	59 21	66 33	58 30	57 10	35.8 11.0			
DICKINSON EXP STATION	MAX MIN	31 3	29 8	22 8	35 8	9 -19	14 -15	28 8	40 27	47 29	57 31	43 27	45 20	49 25	43 16	29 12	19 9	40 3	29 11	40 11	29 4	47 11	22 -4	33 9	45 -3	12 -7	27 -4	47 11	58 28	67 29	58 31	10.1				
DRAKE	MAX MIN	24 -7	29 -5	9 0	14 -1	5 -17	5 -21	16 -9	35 13	44 25	45 25	31 17	40 18	37 21	41 15	25 9	18 -6	23 -4	22 5	38 9	14 -12	15 -3	28 -1	37 12	15 -10	7 -9	13 -9	20 -1	36 19	49 22	60 34	69 31	27.9 5.2			
DUNN CENTER	MAX MIN							46 30	52 30	42 27	43 18	47 19	42 13	18 19	39 13	28 9	18 0	39 4	28 11	45 7	19 0	18 -3	32 -2	45 0	9 -5	12 -8	11 -5	28 5	46 10	61 20	67 23	58 25	36.3 9.9			
ECKMAN	MAX MIN	12 -8	11 -12	8 -14	11 -16	9 -24	6 -28	6 -20	40 6	43 21	44 6	32 2	42 14	35 22	37 14	19 -1	14 -18	23 8	14 6	23 -14	18 -3	20 -10	35 3	12 -8	13 -12	3 -6	14 -1	18 18	44 28	45 29	46 31	24.3 0.0				
EOGELEY EXP FARM	MAX MIN	22 -4	34 -1	17 3	28 3	16 -13	13 -12	19 -11	35 24	44 27	43 29	41 22	41 29	40 22	46 29	33 2	27 -2	26 2	31 9	52 19																

DAILY TEMPERATURES

NORTH DAKOTA
MARCH 1955

Table 5-Continued

Station:		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
GARRISON	MAX MIN	30 0	30 0	14 2	21 4	7 -19	8 -17	21 -10	36 16	45 27	52 27	35 25	43 19	42 23	42 14	27 8	12 -3	23 -3	24 10	43 8	10 -2	17 3	31 10	40 1	10 -6	11 -7	13 -6	25 6	43 19	55 21	66 30	65 32	30.4 7.5	
GRAFTON	MAX MIN	15 -15	8 -12	11 1	7 -12	5 -7	-1 -25	14 -22	40 13	39 20	35 10	32 8	32 15	35 6	34 16	21 -3	15 -11	12 0	21 -5	20 8	17 -15	21 0	26 10	27 10	11 -8	10 -12	15 7	24 -14	35 7	40 19	42 26	51 31	23.0 0.8	
GRAND FORKS CAA AP	MAX MIN	34 -14	14 -10	15 -4	3 -13	0 -14	-2 -25	24 -16	38 24	35 19	35 7	34 9	25 7	37 6	26 11	23 1	14 -8	13 -5	26 -11	22 -9	21 -14	24 -6	32 -2	27 -4	11 -9	13 -10	14 -8	24 -13	38 9	45 25	47 30	50 30	24.6 -0.5	
GRAND FORKS UNIVERSITY	MAX MIN	34 -13	10 -9	14 3	3 -10	3 -8	-8 -23	16 -17	42 16	36 20	35 8	34 18	32 8	36 18	33 8	33 19	24 4	13 -5	12 -9	26 -3	13 -13	20 -5	32 0	27 9	14 -7	11 -8	12 -5	23 -9	37 6	44 27	47 31	51 31	24.2 2.2	
GRAND RAPIDS 1 N	MAX MIN	36 -13	15 -6	26 12	24 2	12 -12	2 -14	32 -18	47 25	44 22	42 29	47 20	37 21	45 22	36 24	27 11	26 -3	30 9	48 8	44 12	19 4	31 -5	35 9	20 4	14 -5	26 6	38 -4	53 13	63 21	69 24	66 33	35.3 8.2		
GRANVILLE	MAX MIN	29 -13	12 -6	16 3	12 -13	7 -14	5 -25	38 -22	45 16	44 20	40 23	44 24	36 28	41 21	36 29	21 11	20 8	21 5	34 10	32 2	17 0	30 15	35 5	5 4	9 -3	20 -4	40 -1	51 18	59 25	69 27	59 31	31.2 7.2		
GRENORA	MAX MIN	12 5	17 -4	15 -11	8 -23	10 -22	36 26	38 26	40 26	40 26	38 30	48 19	37 28	29 8	20 5	33 -5	26 4	33 10	35 5	31 -1	34 10	31 -6	6 -13	30 12	40 10	48 28	58 22	57 33	52 32	32.2 8.6				
HANKINSON R R STATION	MAX MIN	24 -6	39 1	20 0	26 2	23 -4	-10 -10	16 -16	36 -10	45 -2	40 29	37 29	36 11	31 21	46 22	40 14	30 -3	24 0	29 15	49 4	30 12	15 2	29 5	42 9	27 3	17 -4	15 -3	23 -1	35 18	54 25	59 27	65 31	33.4 7.2	
HANNAH	MAX MIN	7 -12	2 -11	3 -17	6 -24	-2 -22	24 -34	38 -22	36 19	35 19	26 5	26 2	26 8	33 3	29 5	12 -8	9 -20	12 -8	14 -11	12 0	21 -16	29 -12	18 6	7 -14	9 -15	13 1	28 -13	40 11	45 25	55 31	47 31	21.5 -3.2		
HANSBORO	MAX MIN	7 -13	3 -14	3 -17	1 -20	2 -16	2 -24	27 -12	44 24	38 25	34 5	27 5	26 8	36 10	33 10	30 8	10 -13	12 -3	22 -5	14 -4	17 -12	21 -8	33 -2	18 10	10 -9	8 -13	15 3	29 9	38 20	45 29	54 34	49 30	22.5 0.0	
HETTINGER	MAX MIN	32 21	28 14	29 6	16 -3	26 -10	43 23	53 29	58 24	50 32	44 28	48 21	43 29	34 21	25 11	42 28	36 16	50 11	42 3	13 -1	32 -2	50 16	32 -1	12 -1	9 -11	29 4	40 7	59 19	67 32	58 34	56 33	38.5 13.1		
HILLSBORO	MAX MIN	35 -15	16 -7	22 10	10 -5	6 -5	2 -18	17 -31	40 16	37 22	32 15	34 7	34 18	38 22	33 6	28 -5	20 3	13 -10	38 -3	28 12	20 -8	24 -3	33 -1	33 10	12 -4	13 -8	15 -5	28 -8	38 13	45 25	54 30	54 32	27.5 4.2	
JAMESTOWN CAA AP	MAX MIN	32 -5	10 -5	22 5	14 0	4 -14	1 -14	31 -3	44 25	42 25	36 23	38 20	35 17	44 20	32 15	23 5	24 -3	26 7	43 9	20 0	28 -1	40 2	25 -4	13 -7	23 -7	38 2	51 17	61 22	67 25	55 32	30.9 7.3			
JAMESTOWN STATE HOSP	MAX MIN	34 -4	11 -2	22 7	18 -4	7 -12	3 -13	43 -10	45 25	43 27	38 21	34 27	38 19	45 21	38 21	25 11	24 -3	26 7	44 -1	39 11	18 2	28 2	40 10	34 12	14 0	10 -6	20 -7	39 1	52 18	60 24	67 27	57 36	32.5 9.3	
KENMARE	MAX MIN	27 -10	25 -10	7 -3	11 -5	0 -21	5 -21	21 -9	35 17	41 27	42 28	31 12	38 15	32 19	35 8	20 2	5 -9	22 -5	20 0	30 6	15 -11	15 -5	27 -3	29 -5	6 -13	2 -13	12 -8	1 -1	40 19	48 20	56 20	53 35	24.8 2.6	
KENSAL WILDLIFE REFUGE	MAX MIN	33 -8	13 -7	23 5	15 -3	11 -13	3 -17	29 -9	41 12	41 24	41 26	36 17	44 20	32 -5	26 5	24 -5	22 4	35 19	30 -3	41 9	35 15	17 3	10 -7	21 -7	37 5	51 17	59 24	65 26	58 33	32.0 7.5				
LANGOON EXP FARM	MAX MIN	10 -12	3 -17	14 -15	11 -22	7 -17	2 -3	22 -20	38 14	35 20	28 7	25 4	25 9	35 5	33 6	15 -2	12 -2	11 -10	22 -4	11 -15	16 -14	22 0	11 11	17 -18	9 -18	18 0	40 13	43 21	52 13	60 32	67 30	57 30	22.5 -2.4	
LARIMORE	MAX MIN	32 -15	4 -9	15 -10	10 -4	7 -7	20 -20	22 -18	41 21	37 21	37 12	31 9	31 15	40 10	30 12	21 -7	18 -1	22 -10	24 -6	11 -10	22 -6	18 -10	25 -6	34 4	30 10	13 -6	10 -10	17 -7	29 -10	38 13	42 27	52 30	52 34	26.0 2.5
LEEDS	MAX MIN	26 -8	7 -12	8 -2	5 -11	0 -18	3 -23	31 -13	40 24	37 23	36 15	31 10	30 14	39 17	34 13	16 -1	15 -1	24 -8	18 6	9 -13	25 -8	38 8	35 9	9 -12	7 -4	16 -10	44 21	51 26	60 32	56 33	25.5 3.2			
LINTON	MAX MIN	34 1	19 7	34 8	24 5	14 -22	9 -11	40 -8	54 15	48 26	42 33	48 29	45 31	45 27	28 13	37 1	44 11	53 15	40 15	20 7	30 -2	39 12	37 2	16 1	13 -6	30 -8	42 2	58 12	66 26	72 28	60 32	38.2 10.1		
LISBON	MAX MIN	34 -12	20 -3	23 14	22 -1	13 -13	26 -20	43 19	43 24	44 25	44 25	34 21	36 21	44 20	44 20	29 12	26 -1	25 8	45 19	47 6	22 3	28 9	41 13	40 9	19 -5	15 -6	24 -3	51 15	58 25	65 23	66 32	34.6 8.6		
LOSTWOOD 12 N	MAX MIN	25 -2	7 -13	9 -2	5 -10	3 -19	3 -23	34 -2	38 23	39 12	37 16	33 13	31 23	23 4	16 -1	20 -18	15 -10	37 3	24 1	11 -15	24 -10	28 -2	22 -7	0 -14	5 -1	19 -4	35 43	54 19	61 21	49 30	25.0 1.6			
MA00OCK AGR SCHOOL	MAX MIN	29 -8	10 -9	15 -9	10 -4	6 -17	2 -23	33 -11	39 25	37 18	37 14	34 16	35 16	40 20	38 16	22 6	35 -8	32 3	13 4	29 -10	37 9	35 12	10 -12	20 -3	36 -11	36 -12	44 28	53 17	62 28	60 31	50 30	29.5 5.0		
MANDAN EXP STATION	MAX MIN	31 0	32 5	13 5	31 11	15 -16	11 -10	24 -5	39 24	51 29	56 34	48 27	45 23	46 25	29 12	21 0	38 11	32 13	50 12	19 5	19 0	33 15	42 5	17 -6	11 -1	18 -6	31 15	44 19	57 28	68 30	72 35	35.1 11.4		
MANDAN FT LINCOLN PARK	MAX MIN	34 3	22 4	34 7	29 4	18 -16	10 -11	40 -2	53 28	56 33	45 27	46 24	48 28	45 21	28 0	38 12	53 12	42 10	20 5	35 4	16 10	34 12	16 6	14 -1	30 -6	44 7	59 16	69 28	74 29	60 35	40.0 11.6			
MARMARTH	MAX MIN	33 17	32 18	38 20	16 -4	27 -21	42 22	52 28	57 24	45 35	50 20	43 19	36 16	50 23	44 19	36 15	50 15	35 5	20 17	32 6	40 0	54 17	24 6	14 0	10 -1	31 -6	43 7	52 32	56 32	57 30	37.4 13.0			
MAX	MAX MIN	27 -1	27 -3	12 3	17 1	7 -19	8 -18	19 -17	35 27	44 24	49 26	34 24	42 18	38 22	40 13	24 -5	22 -1	22 9	40 7	14 -6	17 -6	32 0	37 4	13 0	9 -9	12 -7	22 1	40 20	53 25	64 32	64 34	29.0 5.6		
MAYVILLE	MAX MIN	34 -16	12 -7	19 7	7 -4	5 -7	2 -22	20 -6	40 20	37 21	36 13																							

DAILY TEMPERATURES

NORTH DAKOTA
MARCH 1955

Table 5-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX MIN	31 17	22 12	36 16	31 -3	15 -23	23 -10	41 23	51 30	57 30	48 32	45 27	48 21	43 28	36 17	23 12	41 2	35 13	49 12	39 12	17 6	33 -2	43 17	30 0	10 -3	-8 -6	27 6	45 4	60 20	66 30	56 27	56 31	37.6 12.8
NEW SALEM 1 S	MAX MIN	30 7	12 3	30 8	21 -3	12 -18	11 -11	38 4	48 26	57 31	46 28	44 26	47 20	45 27	35 22	33 7	39 -1	33 12	50 12	38 8	18 2	33 12	42 17	29 2	10 -4	10 -8	27 5	43 9	57 22	67 32	65 29	58 32	36.4 11.5
NEWTOWN	MAX MIN	32 8	14 -1	20 3	16 -3	9 -22	10 -18	37 5	42 26	48 24	42 28	41 25	40 20	37 27	33 13	21 8	33 -2	32 10		34 9	18 -3	31 -7	36 13	35 -3	8 -9	10 -8	24 5	44 9	52 24	66 27	54 31	54 34	32.4 8.9
OAKES	MAX MIN	11 -5	38 1	21 4	25 -1	17 -10	7 -10	7 -18	35 26	45 24	42 28	39 25	40 20	41 27	45 23	35 13	27 0	24 3	28 10	48 16	25 6	15 4	29 7	40 12	24 3	15 -4	16 -1	24 0	36 12	52 20	61 27	70 33	31.7 8.8
PARK RIVER	MAX MIN	10 -11	9 -10	12 -1	6 -12	4 -8	0 -19	22 -15	41 22	39 24	37 10	29 8	31 14	40 9	37 16	21 5	13 -9	12 -2	19 -5	19 4	15 -10	26 -5	27 0	27 -2	11 -6	10 -12	16 7	29 -11	38 10	41 20	48 28	51 32	23.9 2.4
PARSHALL	MAX MIN	30 8	14 -4	21 3	12 -2	8 -25	8 -19	36 4	42 18	48 22	45 24	41 23	41 19	39 27	31 12	20 6	31 -4	26 6	41 10	32 8	17 -8	31 -11	39 13	35 -2	8 -10	10 -9	23 5	43 4	54 22	66 25	62 34	54 30	32.5 6.9
PEMBINA 2 N	MAX MIN	11 -20	9 -17	6 -17	6 -28	2 -8	2 -34	13 -27	46 9	46 16	34 9	28 4	28 10	32 -2	32 8	22 -10	16 -18	13 -10	19 -11	21 6	17 -25	22 -22	22 -5	22 14	17 -12	12 -13	15 12	17 -12	37 5	41 13	42 26	44 25	22.2 -4.3
PETERSBURG	MAX MIN	30 -10	6 -10	16 -2	8 -10	4 -11	24 -21	22 -15	39 20	36 22	34 13	29 7	30 12	38 10	37 16	21 5	14 -10	12 -2	19 -11	17 8	15 -13	25 -8	35 7	30 8	12 -11	8 -5	16 5	39 -8	42 17	45 29	53 31	53 32	25.4 2.8
PETTIBONE	MAX MIN	30 -7	11 -5	20 4	12 3	4 -20	2 -17	32 -10	40 14	38 22	38 24	7 24	38 17	41 20	40 18	23 5	31 -6	26 6	43 7	43 10	19 5	28 -1	39 11	34 8	12 -3	8 -9	18 -2	37 10	48 19	59 30	63 32	63 35	31.4 7.9
PORTAL	MAX MIN	23 -12	7 -10	0 -10	4 -6	2 -27	2 -28	19 -27	35 18	42 24	37 15	42 11	37 11	31 19	32 4	18 -3	7 -14	18 -2	1 1	25 3	14 -16	25 1	25 -5	3 -15	0 -13	10 -5	20 -2	37 8	48 21	46 25	47 32	21.7 -0.4	
POWERS LAKE 1 N	MAX MIN	25 0	5 -12	15 -2	5 -30	7 -29		35 3	39 23	43 17	35 17	40 21	35 14	32 22	22 5	10 -2	27 -17	18 -9	40 2	21 4	15 -12	27 -10	30 3	20 -7	4 -16	8 -14	17 -6	36 -6	45 20	48 30	48 30	25.9 1.8	
RAUB 10 SSW	MAX MIN	30 13	15 2	25 3	18 -4	10 -19	8 -15	37 4	45 29	44 28	38 27	45 25	44 20	45 27	28 14	22 2	30 -3	25 7	43 12	33 9	18 0	32 1	43 20	40 -6	10 -6	25 7	45 9	58 28	68 30	58 35	56 38	33.4 11.2	
RICHAROTON ABBEY	MAX MIN	29 15	18 7	37 13	25 -3	11 -17	13 -8	39 8	50 29	56 29	50 35	44 29	48 21	44 28	39 15	24 10	40 2	36 14	46 14	43 9	17 3	32 2	44 17	42 0	10 -4	9 -9	27 5	44 21	68 33	64 34	57 35	37.7 12.7	
RIVEROALE	MAX MIN	30 -1	30 -1	13 1	22 4	7 -16	8 -15	20 -14	36 17	45 28	54 30	37 27	44 20	42 23	43 15	26 9	18 -1	37 3	26 9	42 9	15 1	17 0	34 7	41 0	14 -5	11 -6	12 -4	24 4	43 10	55 26	66 34	66 33	31.5 8.0
ROLLA	MAX MIN	8 -8	3 -14	7 -13	3 -15	2 -20	3 -20	36 -14	45 22	38 24	35 5	27 4	25 9	35 11	27 7	20 -1	12 -15	13 -7	19 -4	15 -6	10 -11	22 -10	30 2	20 2	10 -9	11 -14	17 5	29 -3	40 14	47 18	53 29	47 33	22.9 0.0
RUGBY	MAX MIN	27 -5	17 -10	14 -7	7 -10	3 -15	1 -26	32 -8	42 25	38 24	37 14	34 12	34 14	42 20	38 13	19 3	18 -2	20 -2	30 18	24 8	18 -11	27 -11	37 2	35 11	14 -11	19 -11	33 -9	45 18	49 26	60 34	59 35	28.5 3.6	
SAN HAVEN	MAX MIN	17 -5	7 -7	6 -8	12 -19	10 -21	4 -12	26 -12	46 23	46 23	33 11	28 6	28 10	44 14	35 7	18 -1	9 -15	12 -1	20 -5	18 5	10 -11	21 -13	30 10	29 5	13 -10	20 -13	27 -1	40 16	45 25	54 37	54 37	24.4 2.4	
SHARON	MAX MIN	32 -12	7 -7	22 3	10 -2	5 -10	4 -21	23 -16	38 20	36 24	35 17	30 10	34 10	39 10	34 20	23 7	15 -7	15 0	22 -6	26 7	17 -8	27 -3	37 10	35 9	15 -10	9 -8	20 -10	30 5	45 19	48 29	56 31	53 36	26.9 4.8
STANLEY	MAX MIN	26 5	15 0	12 -1	7 -10	5 -25	7 -22	28 7	38 16	43 20	35 20	33 19	36 18	34 15	29 7	11 -1	25 -11	17 -1	40 7	30 16	29 -10	32 -7	31 7	3 -5	6 -13	21 -1	41 2	50 25	52 26	56 32	52 32	27.7 4.4	
STEELE	MAX MIN	33 1	18 -2	27 8	23 -3	7 -19	9 -17	32 6	49 19	45 24	43 29	43 27	42 20	46 24	39 21	33 9	30 -3	31 7	50 8	46 12	18 3	32 3	40 11	37 6	23 -3	11 -8	25 5	40 0	52 18	64 28	71 36	69 34	36.4 9.6
TOWNER	MAX MIN	28 -6	12 -12	17 -8	11 -11	5 -22	5 -30	35 -11	44 20	40 22	30 12	39 10	33 20	42 20	40 21	33 1	31 -4	22 3	33 3	28 7	26 -15	26 -12	33 -1	33 2	17 -11	12 -1	26 7	36 -1	45 17	49 22	56 32	52 27	30.2 3.0
TURTLE LAKE	MAX MIN	31 6	16 -3	26 0	18 -10	8 -20	6 -6	36 -1	46 19	50 26	50 25	44 24	41 18	45 24	42 14	25 8	31 -5	31 5	45 10	37 8	18 -2	32 2	38 15	38 2	12 -8	23 -9	42 0	55 17	65 29	70 30	57 29	35.1 7.8	
UNDERWOOD	MAX MIN	28 -1	26 -1	12 1	26 -1	9 -21	12 -19	20 19	37 15	44 25	51 29	38 26	47 19	43 22	44 14	31 8	21 -4	34 1	32 0	47 8	16 -1	18 0	31 8	47 -5	14 -5	10 -12	13 -16	20 2	42 25	55 32	66 31	68 34	32.3 5.4
UPHAM 3 N	MAX MIN	13 -10	9 -18	11 -11	10 -14	6 -24	2 -33	36 -12	44 24	38 18	36 16	35 12	33 9	40 14	31 9	19 -3	17 -22	22 -8	25 -6	21 5	19 -15	29 -23	31 -5	31 -7	18 -13	12 -12	18 3	37 -17	46 14	49 16	50 25	26.7 -1.9	
VALLEY CITY	MAX MIN	36 -11	14 -3	25 7	22 -2	12 -11	0 -15	28 -15	44 22	43 26	39 25	33 15	32 17	44 18	43 27	27 12	24 -3	21 6	43 15	42 2	19 15	28 2	39 10	37 15	18 -2	14 -6	23 -9	35 -3	49 17	55 26	54 32	31.4 8.0	
VELVA	MAX MIN	30 0	12 -8	16 3	12 -1	8 -17	6 -21	37 1	45 28	47 26	45 21	42 19	39 18	40 24	38 23	23 9	25 -5	24 7	37 6	35 6	16 -11	31 -7	36 13	35 3	8 -5	9 -7	20 -8	41 7	52 24	65 32	68 33	55 34	32.2 7.7
WAMPETON STATE SCHOOL	MAX MIN	37 -5	22 -4	30 17	20 2	12 -6	7 -12	22 -13	43 20	40 24	37 24	36 8	36 23	41 19	39 28	30 11	27 -1	29 13	44 5	42 18	19 2	26 2	40 8	39 11	20 3	17 -3	24 -3	31 5	50 16	56 30	64 22	64 32	33.7 9.5
WASHBURN	MAX MIN	32 8	17 1	26 5	21 -1	10 -19	8 -15	38 0	49 27	56 26	43 20	41 21	43 25	45 25	35 12	32 10	35 -2	35 2	40 														

Table 7

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
MARCH 1955

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALMONT 7 SW	SNOWFALL SN ON GND	T 4	T 4	2 3	1.2 3	3 3	T 3	1								T				T			D.5		T	T								
AMENIA	SNOWFALL SN ON GND	10	2.0 12	12	11	1.0 12	12	11	5	2	2	2	2.0 2	1	1	1	1	1	T	T	T	T	T	4.0 4	4	4	2	T	T	T				
AMIDON	SNOWFALL SN ON GND	T	T	T	T	T	T	T	T							T				T	T	T	T											
ASHLEY	SNOWFALL SN ON GND	T 8	8	7	1.0 8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BEACH	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BELCOURT INDIAN RES	SNOWFALL SN ON GND	9	1.0 10	T 10	T 10	T 10	T 10	T 10	9	T 9	9	1.0 10	2.0 12	12	12	12	12	T 12	1.0 13	1.0 14	14	14	14	4.0 18	18	18	18	18	16	12	9	-		
BELFIELD	SNOWFALL SN ON GND	9	-	-	-	T 10	10	10	10	8	5	3	T	T							T													
BEULAH	SNOWFALL SN ON GND	T	T	T	T	T	T	T	T	T											T							T						
BISBEE	SNOWFALL SN ON GND	3	T 3	T 3	3 3	3 3	T 3	3 3	2	1	1	1.0 2	3.5 5	5	5	5	5	5	5	5	3.5 8	8	8	8	4.5 12	12	12	12	12	10	6	3		
BISMARCK WB AP	SNOWFALL SN ON GND WTR EQUIV	T 3	0.6 2	1.5 2	0.2 3	0.2 3	T 3	0.2 3	2	T	T		T	T	T					T	T	T	T	T	T	D.2	T	T						
BOTTINEAU	SNOWFALL SN ON GND	0.7 11	0.1 11	0.5 11	T 11	0.4 11	11	0.1 11	0.1 11	9	D.1 9	T 9	1.8 11	1.0 11	9	T 9	T 9	0.2 9	0.2 9	2.5 11	D.1 11	11	11	5.3 16	T 16	T 16	T 16	15	14	12	11	6		
BOWBELLS	SNOWFALL SN ON GND	T	T	3.0 10	0.5 10	T 10	10	T 10	9	8	7	T 7	2.0 9	9	9	9	9	9	9	0.5 9	2.5 11	11	11	3.0 14	14	14	14	13	10	7	4			
CARSON NO 2	SNOWFALL SN ON GND	-	-	-	1.0 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CENTER	SNOWFALL SN ON GND	3	3	3	T 3	3 3	T 3	3 3	2	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
CROSBY	SNOWFALL SN ON GND	3	0.2 4	0.2 4	1.0 5	5	5	5	4	3	1	1	0.7 1	0.5 1	2	2	2	2	0.1 2	0.1 2	0.5 2	1.5 4	4	4	1.2 5	0.5 6	0.1 6	6	3	2	T	T		
DEVILS LAKE WB CITY	SNOWFALL SN ON GND	D.3 7	0.1 7	0.4 6	1.3 7	0.1 8	7	0.6 7	7	3	T	0.4 1	1.7 2	1	1	T	2.3 5	1.7 4	1.3 5	2.1 5	5	5	1.2 5	3.1 6	7	T 7	T 7	7	4	2	T	T		
DICKINSON CAA AP	SNOWFALL SN ON GND	T 4	T 4	4	2	3	3	3	1	T	T	T	T	0.1 T	T	0.2 T	T	T	T	0.1 T	T	T	D.2	T	T	T	T	T						
DICKINSON EXP STA	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
OUNN CENTER	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	2	2	1	1	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
EDMORE 1 W	SNOWFALL SN ON GND	6	T 6	2.0 8	8	0.6 9	9	T 9	9	6	4	4	4	4	5	5	5	5	5	0.4 5	* 8	3.0 8	8	8	7	4.0 11	11	11	11	10	8	3	2	T
ELLENDALE	SNOWFALL SN ON GND	6	6	6	1.0 6	1.0 7	7	1.0 7	8	7	5	5	5	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1		
FARGO WB AP	SNOWFALL SN ON GND WTR EQUIV	D.5 1.2	1.0 1.2	T 1.3	0.4 1.3	0.3 1.3	0.1 1.3	0.1 1.3	0.1 1.3	7 1.3	6 1.3	5 1.3	1.7 1.4	6 1.4	5 1.4	6 1.4	5 1.4	0.2 1.4	0.1 1.4	0.4 1.4	4 1.1	4 1.1	3 1.1	3 1.1	1.7 0.8	0.1 0.9	0.1 0.9	0.9 1.0	0.9 1.0	0.9 1.0	0.9 1.0	1		
FORT YATES	SNOWFALL SN ON GND	2	2	2	1.9 4	T	4	4	4	2	T	T																						
FOXHOLM 7 N	SNOWFALL SN ON GND	-	5	5	6	6	6	5	4	3	2	2	2	2	2	2	2	2	2	3	3	5	5	5	5	5	5	5	5	5	5	5		
FULLERTON	SNOWFALL SN ON GND	8	T 6	6	1.2 7	1.8 9	0.2 9	0.2 9	4	1	1	1	T	T	T	T	T	T	T	T	D.3 T		T	T	T	T	T							
GARRISON	SNOWFALL SN ON GND	3	T	T	T	0.5 3	-	0.1 3	-	-	-	T	T	D.3 T						T	T	0.1 T	T	0.7 1	T	T	T							
GRAFTON	SNOWFALL SN ON GND	T 18	T 18	1.5 18	T 18	18	18	15	13	12	12	11	11	13	13	13	11	11	11	11	15	15	15	15	11.0 26	26	26	25	25	23	21	15	10	
GRAND FALLS CAA AP	SNOWFALL SN ON GND	11	1.4 10	11	0.5 11	T	11	0.1 10	10	8	7	6	7	7	6	6	6	6	0.3 6	2.2 8	2.2 8	5.0 10	15	13	12	3.5 15	0.4 13	1.0 14	12	9	5	3		
GRAND FORKS UNIVERSITY	SNOWFALL SN ON GND	14	T	0.8 15	0.8 14	0.3 11	11	T	9	9	9	0.4 9	0.8 8	8	8	8	8	2.5 8	0.1 10	3.4 13	13	13	13	4.3 16	16	16	15	12	9	3	T			
GRANVILLE	SNOWFALL SN ON GND	T	7	7	1.0 8	T	8	T	8	6	4	4	3	3	4	4	4	4	1.0 4	5	5	5	10	10	10	6.0 10	10	10	9	6	4	1		
HANSBORO	SNOWFALL SN ON GND	D.2 11	0.5 12	1.5 13	T	13	13	T	13	10	8	8	1.5 9	2.0 11	0.2 11	11	11	11	1.0 12	1.0 13	0.2 13	13	13	12	2.5 14	1.0 15	15	14	12	8	4	2		
HETTINGER	SNOWFALL SN ON GND	1	1	1	3	3	3	2	T																									
JAMESTOWN CAA AP	SNOWFALL SN ON GND	6	D.3 6	T	0.6 6	0.1 7	T	0.3 7	6	2	T	0.4 T	T	T	T	T	T	T	T	T	0.1 T	T	D.3 T	0.2 T	T	T	T	T	T	T	T	T		
KENSAL WILDLIFE REF	SNOWFALL SN ON GND	T 5	2.0 6	2.0 6	T	0.5 6	6	4	3	D.2 3	2	1																						
KILLDEER 8 NW	SNOWFALL SN ON GND	T 9	9	9	9	9	8	7	4	2																								
MANDAN EXP STATION	SNOWFALL SN ON GND	1	0.5 2	T	2	0.8 3	T	0.5 3	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
MAYVILLE	SNOWFALL SN ON GND	T 13	0.6 13	T 12	T 12	0.3 12	12	0.4 12	9	6	6	0.4 6	0.7 7	6	6	6	6	6	3.0 9	T	0.4 8	8	7	6	3.0 9	8	8	6	4	3	2	2		
MC CLUSKY	SNOWFALL SN ON GND	2	2	2	1.0 2	0.1 2	2	0.5 2	2	1	1	1	0.1 1																					

See reference notes following Station Index.

Table 7 -CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
MARCH 1955

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MC HENRY S N	SNOWFALL SN ON GND	8	8	8	0.2	0.2	8	0.1	0.1			T	T	T		T	3	3	0.1	T	1.0			2.0		T								
MEDORA 4 NNE	SNOWFALL SN ON GND	T	T		1.0		T	1.0		3	2	1	1	T	T		0.5				T		0.5				0.5							
MINOT CAA AP	SNOWFALL SN ON GND	0.2	T	T	0.6	0.2	T	T		2	T	T	T	0.4		T	0.1	T	T	4.0			1.6	0.2	T	T	T	4	4	2	1			
MINOT EXP STATION	SNOWFALL SN ON GND	T	T	T	1.0	0.3	0.2	0.2	T	6	6	2	1			2.0			0.2	T	2.5	0.2	3	3	3	2.5	T	S	S	S	3	1		
MOHALL	SNOWFALL SN ON GND	1.0	1.0	T	-	-	-	7	5	0.1	T	1.0		1.0	6	6	6	-	-	-	3.0			4.0		14	14	14	14	12	11	9	7	
MONTPELIER	SNOWFALL SN ON GND	T	0.2	T	1.0	0.2	T	0.5	T	6	4	3	2	2	2	1	T	T	T	T	T	T	T	0.3	T	T	T							
MOIT	SNOWFALL SN ON GND	2	2	1	2.0	3	3	2	1								T					T	1.0											
MUNICH 4 SW	SNOWFALL SN ON GND	T	0.5	T	T		T			T	T		0.5	2.0	T					2.0		10	10	9	2.0		11	11	11	10	8	6	4	T
NAPOLEON 1 SE	SNOWFALL SN ON GND	6	6	6	1.5	T	8	8	T		6	3	1	1	1	1	1	T	T	T	T	T	T	T	T	T	T	T						
OAKES	SNOWFALL SN ON GND	0.5		T	0.7	0.6	0.4	0.4	8	8	6	4	T	T	T	T	T			T	T		0.5				T	T						
PARSHALL	SNOWFALL SN ON GND	T	4	4	0.5	4	4	4	3	2		T	T	T				T	T	2.0	2	2	2	2	1	1	1	1						
PETERSBURG	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PETTIBONE	SNOWFALL SN ON GND	1.0	5	6	6	6	6	7	6	5	4	4	4	3	3	3	3	3	2	2	2	2	1	1	1	1	1	1	T					
PRETTY ROCK	SNOWFALL SN ON GND	2	T	2	2.0	T	4	4	2	1			T				T						1.0	T	T	T	1							
RICHARDTON ABBEY	SNOWFALL SN ON GND	3	T	3	1.5	3	3	2	1	T	T	T	T	0.2		T		T	T	T	T	T	0.4	T	T	T	T	T	T					
RIVERDALE	SNOWFALL SN ON GND	T	T	T	0.5	T	T	T	T		T	T	T	T	T	T	T	T	T	T	T	T	T	0.5			1	1	T	T				
ROLLA	SNOWFALL SN ON GND	0.3	0.5	13	0.6	14	14	14	14	10	10	1.0	11	3.0	14	14	14	0.5	1.0	1.0	16	16	16	16	20	20	20	20	18	17	10	5		
SAN HAVEN	SNOWFALL SN ON GND	0.7	0.2	0.3	0.4	15	15	15	14	13	13	0.5	0.5	1.0	14	14	14	0.1	0.3	1.2	15	15	15	15	5.5	21	21	21	21	20	18	15	11	
SHARON	SNOWFALL SN ON GND	0.5	T	0.5	0.5	T	0.3	1.0	0.2	7	7	7	7	7	7	7	9	9	12	12	12	8	2.0	10	10	10	10	9	6	4	2	1		
STANLEY	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UPHAM 3 N	SNOWFALL SN ON GND	-	T	-	-	-	-	-	-	-	-	-	4	-	-	-	T	T	-	4.0	-	12	-	-	-	-	-	-	-	12	-	8	6	
VALLEY CITY	SNOWFALL SN ON GND	-	1.0	-	0.9	-	-	-	-	-	-	-	0.8	-	-	-	-	-	-	0.2	0.1	-	0.8	-	-	-	0.2	-	-	-	-	-	-	
WAHPETON STATE SCHOOL	SNOWFALL SN ON GND	10	0.5	9	0.5	0.8	9	9	7	5	T	S	S	4	4	T	4	T	4	3	T	0.3	T	2	T	T	0.5	2	1					
WESTHOPE	SNOWFALL SN ON GND	1.0	3.0	-	1.0	-	-	-	-	-	-	1.0	-	2.0	-	-	-	1.0	1.5	2.5	-	-	-	4.5	-	-	-	-	-	-	-	-	5	
WILLISTON WB CITY	SNOWFALL SN ON GND WTR EQUIV	0.5	T	T	0.4	0.3	T	0.1	4	2	T	T	1	1	T	T		0.1	0.7	1	1	1	1.1	0.4	T	T	1	1	T	T				
WILLOW CITY	SNOWFALL SN ON GND	1.0	1.0	T	7	7	7	6	5	T	T	2.0	1.0	5	5	5	5	5	5	1.0	6	6	6	T	3.0	8	8	8	7	7	6	5	3	1

STATION INDEX

NORTH DAKOTA
MARCH 1955

Station	Index No.	County	Drainage ⁺	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage ⁺	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Adams 7 S	0022	Walsh	10	48 20	98 06	-	GP	Myron J. Hata	3		Melville	5833	Foster	5	47 20	99 02	1625	MID	Edgar S. Stegmeyer	2 3 5	C
Alexander	0096	McKenzie	4	46 50 103 38	2200		GP	Arthur J. Bauman	3		Minot CAA AP	5993	Ward	12	48 10 101 17	1722	MID	U.S. Civil Aero Adm.	2 3 5	7 C	
Almont 7 SW	0136	Morton	4	46 43 101 39	2300	7P	GP	Rogan Haselund	2 3 5	7	Winnipeg Exp. Station	5988	Ward	12	48 10 101 18	1720	8A	N.C. Agril. Exp. Sta.	2 3 5	7 C	
Andrews 3 N	0149	Divide	13	46 103 28	2027		GP	W. J. Border Station	3		Woffitt 4 SE	6305	Burligh	3	46 40 100 14	1760	3P	U.S. Fish & W.L. Ser.	2 3 5	7 C	
Anemia	0196	Cass	11	47 00 97 13	960	SS	SS	Virgil L. Geheke	2 3 5	7	Woball	6025	Henville	12	48 46 101 31	1639	9P	Iver Johnson	2 3 5	7	
Amidon	0209	Slope	1	46 29 103 19	2910	8A	SA	Adrian H. Walker	2 3 5	7 C	Wontpelier	6105	Stutsman	3	46 42 98 35	1379	GP	Rolf Hanson	3	7	
Antler	0263	Bottineau	12	48 58 101 20	1540	MID	W	W. R. Wegner	2 3 5	7 C	Mott	8155	Hettinger	1	46 23 100 20	2420	SS	Forrest E. Coffing	2 3 5	7 C	
Arvilla State Park	0369	Grand Forks	10	47 36 97 30	960	GP	GP	Albert Thoresen	2 3 5	7 C	Munch 4 SW	6195	Cavalier	2	48 38 98 53	1598	7P	Harold Feldner	2 3 5	7 C	
Ashley	0382	McIntosh	8	46 02 98 22	2025	SS	SS	Soo Line Agent	2 3 5	7 C	Napoleon	6255	Logan	12	46 29 99 45	1855	6P	Ted C. Frank	2 3 5	7 C	
Baldhill Dam	0450	Barnes	11	47 02 98 02	1300	MID	MID	Corps of Engineers	2 3 5	7 C	New England	6315	Hettinger	1	46 33 102 52	2621	6P	Anton Sellinger	2 3 5	7	
Balfour	0492	McHenry	12	47 57 100 32	1615		GP	Raymond E. Weller	3	C	New Rockford 7 WNW	6355	Eddy	5	47 43 99 16	1550	GP	Richard Steinbach	3		
Balta	0500	Pierce	11	48 10 100 02	2510		GP	Anton Schmitz	3		New Salem 1 S	6365	Morton	4	46 50 101 25	2163	6P	William F. Gashe	2 3 5		
Bantry	0516	McHenry	12	48 30 100 35	1458	SA	SA	Temple K. Roberts	2 3 5	7 C	Newtown	6383	McIntosh	8	47 10 98 54	1572	GP	Ervin A. Ventsch	2 3 5	C	
Beach	0590	Golden Valley	7	46 55 104 01	1854	6A	6A	Belen Tobias	2 3 5	7 C	Northgate	6455	Divide	12	48 53 103 01	1860	GP	George Kotel	3	C	
Belcourt Indian Res.	0626	Rolette	9	48 50 99 45	1450	7P	7P	Turtle Mt. Ind. Ag.	2 3 5	7 C	Northville	6535	Burke	12	49 00 98 44	1850	MID	U.S. Customs & Imn.	2 3 5	7	
Belfield	0639	Stark	4	46 53 103 11	2592	7P	7P	Carl Indergaard	2 3 5	7	Oakes	6565	La Moure	5	46 33 98 44	1508	GP	Henry L. Erickson	3		
Berthold	0729	Ward	12	48 19 99 14	2080	GP	GP	Joseph S. Cox	2 3 5	7 C	Petersburg	6620	Dickey	5	46 08 98 05	1320	8A	E. Carlie Murray	2 3 5	7 C	
Bismarck	0766	Moravia	12	47 18 101 47	1780	6A	6A	Mont. Dak. Util. Co.	2 3 5	7 C	Pettibone	6657	Walsh	12	48 23 97 45	988	GP	Marlin Severson	2 3 5	7 C	
Bisbee	0796	Towner	2	48 37 99 22	2080	GP	GP	Robert J. Krick	2 3 5	7	Pharrah	6867	McIntosh	8	47 57 102 08	1929	6P	C. E. Shubert	2 3 5	7	
Bismarck WB Airport	0819	Burligh	8	46 46 100 45	1650	MID	MID	U.S. Weather Bureau	2 3 5	7 C	Pemhina 2 N	6947	Pemhina	10	49 00 97 14	790	4P	M.D. S. Customs & Imn.	2 3 5	7	
Bismarck 12 ENE	0827	Burligh	8	46 51 100 33	1709	GP	GP	KYR Transmitter	2 3 5	7	Petersburg	7027	Nelson	10	48 01 98 00	1524	5P	Rev. Odan Monson	2 3 5	7	
Bottineau	0841	Bottineau	12	48 50 100 27	1640	8A	8A	N.O. Sch. of Frstry	2 3 5	7	Pettibone	7047	Kidder	8	47 07 99 31	1855	7P	Arthur J. DeKray	2 3 5	7 C	
Bowling	0961	Burke	12	48 48 102 15	1593	8A	8A	Felix L. Adams	2 3 5	7	Pingree	7117	Stutsman	12	48 53 103 01	1860	GP	Jerry W. T. Nagay	2 3 5	7	
Bowman Court House	0985	Bowman	3	46 11 103 23	2980	5P	5P	O. H. Hook	2 3 5	7	Portal	7201	Burke	12	49 00 102 33	1954	9A	U.S. Customs Serv.	2 3 5	7	
Bowman 11 SE	0998	Bowman	3	46 04 103 19	2810		GP	Bernard L. Domagala	3		Powers Lake 1 N	7211	Burke	8	46 34 102 38	2205	7P	Herbert J. Clark	2 3 5		
Bowman 30 NWN	1001	Slope	7	46 35 103 31	2505		GP	John H. Hanson	3		Pretty Rock	7381	Grant	1	46 11 101 51	-	GP	Freda Leer	3	7	
Breken	1052	Morton	4	46 24 100 56	1720		GP	Frank L. Postler	3		Raul	7405	McIntosh	8	47 42 102 04	1885	5P	Alvin Larson	2 3 5	7 C	
Buchanan	1124	Stutsman	5	47 04 98 49	1572	MID	W	B. B. Bendrickson	3	C	Raub 10 SSW	7408	McLean	8	47 36 102 06	1958	6P	Lytle P. Holman	2 3 5	C	
Burt 16 N	1216	Hettinger	1	46 36 102 08	2344		GP	Jacob Gruenle	3		Reeder	7450	Adams	3	46 06 102 57	2810	GP	Robert Cullen	3		
Butte	1225	McLean	12	47 50 100 40	1890	8A	8A	Earl H. Ward	2 3 5	7	Reeder 14 N	7532	Slope	1	46 19 102 57	2650	GP	Chas. M. Metzinger	3		
Cando	1288	Towner	2	48 29 99 12	1481	MID	W	Harry E. Barila	2 3 5	C	Richardson Abbey	7530	Stark	4	46 53 102 19	2470	5P	Assumption Abbey	2 3 5	7 C	
Carrington	1360	Foster	9	47 29 99 08	1570	7A	7A	Soo Line Agent	2 3 5	C	Riverside	7535	McLean	8	47 30 101 21	1910	4A	Corps of Engineers	2 3 5	7 C	
Carson	1365	Grant	4	46 25 101 34	2300		GP	Vincent Wugli	2 3 5	C	Rolette	7655	Rolette	12	48 40 99 50	1625	MID	George F. Gehres	2 3 5	7 C	
Carson No. 2	1370	Grant	4	46 25 101 34	2310	GP	GP	W. O. Drummond	2 3 5	7	Rolla	7664	Rolette	8	48 52 99 50	1839	7P	Theo. S. Fagerlund	2 3 5	7 C	
Cavalier	1435	Pembina	9	46 48 97 38	980	GP	GP	Willie Hanson Pico	2 3 5	7	Rugby	7704	Pierce	12	48 22 100 00	1560	GP	Frank Hornstein	2 3 5	7	
Center	1454	Olver	8	47 07 101 19	2190	7P	7P	Fred L. Heinz	2 3 5	7	Hyder	7749	Ward	9	47 55 101 00	2108	GP	S. C. Schellenbaum	3	C	
Colgate	1886	Steele	10	47 14 97 39	1290	GP	GP	John P. Burchill	2 3 5	7	San Haven	7824	Rolette	12	48 50 100 02	2001	6P	N.D. State Hospital	2 3 5	7	
Columbus	1696	Burke	12	48 54 100 47	1930		GP	J. D. Sandwell	2 3 5	7	Charles 1 SW	7844	Cavalier	9	48 56 99 00	1602	MID	David E. Madland	3	C	
Cooperstown	1766	Griggs	5	47 13 98 34	1323	GP	GP	Deland M. Hanson	2 3 5	7	Scranton	7852	Bowman	3	46 09 101 08	2752	GP	Alvin N. Kennedy	2 3 5	7	
Courtoisay	1816	Stutsman	5	47 13 98 34	1323	GP	GP	G. B. Hansell	2 3 5	7	Selfridge 11 W	7952	Slope	1	46 01 101 10	2183	7P	L. E. Wilson	3		
Crosby	1871	Olver	12	48 54 103 18	1954	GP	GP	Vernon W. Nichols	2 3 5	7 C	Sentinel Hutte 20 S	7976	Golden Valley	7	46 37 103 49	2652	GP	J. G. E. Bury	3		
Oakwood	2018	Kidder	8	46 52 99 45	1730	MID	W	Ralph W. Wise	2 3 5	7 C	Sharon	7986	Steele	10	47 36 97 54	1516	8P	Nugh Lyon	2 3 5	7	
Owens Lake WB City	2158	Stark	2	48 07 98 52	1471	MID	MID	U.S. Weather Bureau	2 3 5	7 C	Shields 3 N	8047	Renville	12	49 00 101 38	1647	GP	U.S. Customs Serv.	3		
Dickinson CAA AP	2163	Stark	4	46 41 102 48	1450	7A	7A	Civil Aero Adm.	2 3 5	7 C	Shields	8065	Grant	1	46 14 101 07	1806	MID	Alvin N. Kennedy	2 3 5	7	
Dickinson Exp. Station	2188	Stark	4	46 53 102 48	2460	7A	7A	Dickinson Exp. Sta.	2 3 5	7 C	Shields	8065	Grant	1	46 14 101 07	1806	GP	James W. Rodenbaugh	3		
Donnybrook	2242	Ward	12	48 31 101 53	1760	GP	GP	Fred E. Feldner	2 3 5	7	Stanley	8276	McIntosh	8	48 19 102 24	2260	7P	Leory Edwards	2 3 5	7 C	
Dunbar	2298	McHenry	12	47 55 100 22	1634	8A	8A	Ed. J. Evans	2 3 5	7	Steele	8366	Kidder	8	46 51 99 55	1857	GP	Steele Ozon Press	2 3 5	7	
Dunn Center	2365	Dunn	6	47 12 102 37	2191	6A	6A	Charles C. Neustat	2 3 5	7	Stegton	8608	Wells	5	47 28 99 54	1634	GP	Edward Sondag	3		
Eckman	2472	Bottineau	12	48 39 101 03	1930	7A	7A	Soo Line Agent	2 3 5	7	Tags	8627	McIntosh	12	48 20 101 56	2179	GP	W. R. Ellingboe	2 3 5	7	
Edgely Exp. Farm	2482	La Moure	5	46 20 98 42	1568	8A	8A	N.O. Agril. Exp. Sta.	2 3 5	7 C	Takota	8737	Williams	8	48 24 102 56	2279	GP	L. A. Simon	3		
Edmore 1 W	2525	Ramsey	2	48 25 98 29	1520	5P	5P	Mike Davis	2 3 5	7	Talley 5 NNE	8764	Henville	12	48 47 101 47	1603	GP	CLOSED 4 - - - 8/11/54	2 3 5	7	
Egin 5 S	2592	Grant	4	46 21 101 49	2241	GP	GP	Art A. Eslinger	2 3 5	7	Tower	8792	McKenzie	12	48 21 100 24	1482	7P	August B. Hieder	2 3 5	7	
Elklands	2605	Dickey	5	46 38 98 31	1988	GP	GP	Paul Gross	2 3 5	7	Trotters 6 WNW	8813	McKenzie	12	47 21 101 04	2420	GP	U.S. Wildlife Ref.	2 3 5	7	
Elmore	2655	Ramsey	11	46 38 97 30	2004	7A	7A	Leonard Peterson	2 3 5	7	Trotters 3 S	8812	Golden Valley	13	47 17 103 54	2420	MID	John O. Nellerose	2 3 5	7	
Epping	2735	Williams	8	48 17 103 21	2224	GP	GP	E. F. Carpenter	2 3 5	7	Turtle Lake	8840	McLean	8	47 31 100 53	1899	6P	Knute Sondrol	2 3 5	7	
Esmond	2767	Benson	10	46 02 99 46	1650	MID	MID	Lyle O. Ferling	2 3 5	7	Tuttle	8850	Kidder	8	47 08 100 00	1880	GP	Theodore C. Ochsenr	2 3 5	7	
Fairfield	2809	Billings	7	47 11 103 13	2750	GP	GP	John Petryszak	3	C	Underwood	8872	McLean	8	47 27 101 08	2026	7A	Clarence W. Johnson	2 3 5	7	
Fargo WB Airport	2840	Divide	13	46 48 98 48	1650	MID	MID	U.S. Weather Bureau	2 3 5	7	Union 3 N	8913	McHenry	9	48 37 100 44	1425	5P	U.S. Wildlife Ref.	2 3 5	7	
Fessenden	2949	Wells	5	47 39 99 37	1620	6P	6P	Emil E. Rust	2 3 5	7	Valley City	8937	Barnes	11	46 55 96 00	1229	6P	Miss I.C. Robertson	2 3 5	7	
Flasher	3009	Morton	4	46 27 101 14	1930	8A	8A	George W. Slacinal	2 3 5	7	Velva	8990	McHenry	12	48 03 100 55	1511	6P	Oscar Anderson	2 3 5	7	
Flaxton	3019	Benson	10	46 54 102 23	1940	GP	GP	Palmer M. Ounham	3		Verona	9035	La Moure	5	46 22 98 05	1382	GP	Warren O. Tang	3		
Forbes 13 NW	3054	Dickey	5	46 48 98 56	1988	GP	GP	Theodore A. Wirth	2 3 5	7	Wabington Power Plant	9055	Richland	10	46 16 96 36	962	MID	Victor Burton	2 3 5	7	
Gackle	3107	Sargent	10	46 48 97 35	1249	MID	MID	Alvin Hummel	2 3 5	7	Wabington State School	9100	Richland	10	46 16 96 36	962	5P	St. Sch. of Science	2 3 5	7	
Fort Yates	3207	Slope	8	46 08 100 38	1640	5P	5P	Soil Conservation Ref.	2 3 5	7	Walhalla	9155	Pembina	9	48 55 97 55	950	GP	Felix A. Gastongay	3		
Foxholm 7 N	3217	Ward	12	48 27 101 34	1609	5P	5P	U.S. Wildlife Ref.	2 3 5	7	Warwick	9185	Senson	11	47 51 96 42	1475	GP	Virgil B. Johnson	3		

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

⊙ Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

+ And also on a later date or dates.

* Amount included in following measurement. time distribution unknown.

// Gage is equipped with a windshield.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

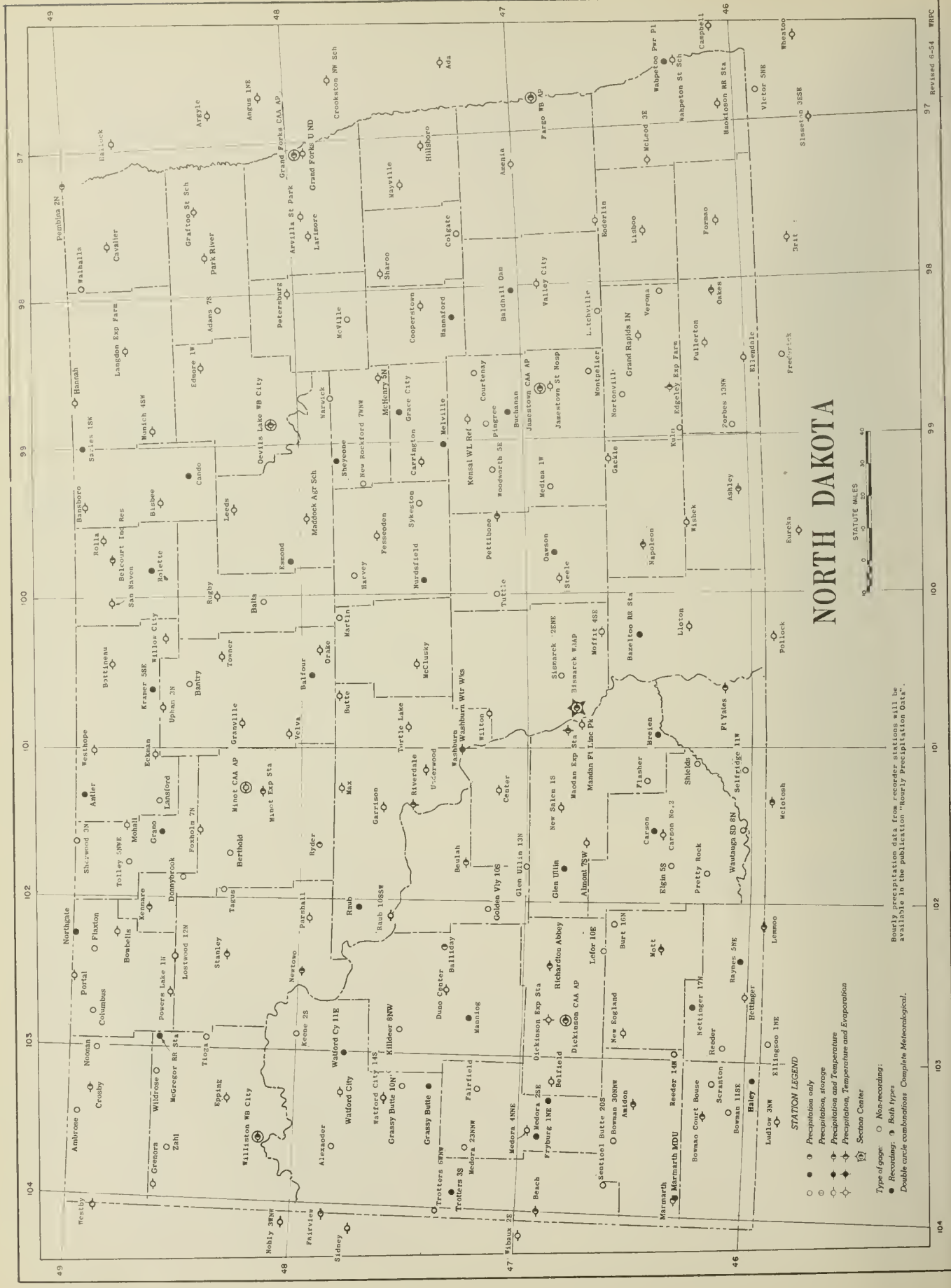
T Trace, an amount too small to measure.

V Includes total for previous month.

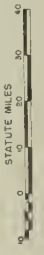
SS This entry in time of observation column in Station Index means observation made near sunset.

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NWRC, ASHEVILLE, N. C. -- 5-25-55 -- 880



NORTH DAKOTA



- STATION LEGEND**
- Precipitation only
 - Precipitation, storage
 - Precipitation and Temperature
 - Precipitation, Temperature and Evaporation
 - Section Center
- Type of gauge:**
- Non-recording
 - Recording
 - Both types
 - Double circle combinations Complete Meteorological.

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

71.05
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U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

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JUL 15 1960

UNIVERSITY OF ILLINOIS

APRIL 1955

Volume LXIV No. 4



WEATHER SUMMARY

April was a very pleasant month. Moderately warm temperatures persisted most of the month. Rainfall, light over the southeast and heavier over the central and northwest, averaged slightly more than normal. Field work started early in April in the south and about the middle of the month in the north.

Temperatures over the west during the first two weeks remained several degrees above normal except on the 4th to 6th when they were very near normal. They fluctuated near normal during the last half of the month. In eastern North Dakota temperatures several degrees above normal persisted throughout April except on the 5th, 6th, 21st and 22d. Most stations registered their highest temperatures on the 10th, 11th or during the last few days. The highest was 89 degrees at Medora on the 29th. Medora also recorded the coldest temperature in the State, 15 degrees on the 6th which was the coldest day at most stations. Mean temperatures ranged from 42.8 degrees at Lostwood to 53.4 degrees at Wahpeton. Temperatures at all stations averaged above normal. The departures from normal were greatest over the eastern part of the State.

Light amounts of rain fell on several of the first few days of the month and on several days from the 14th to 25th. Amounts exceeding an inch fell at scattered locations on the 18th, 20th, 23d, and 24th. The greatest daily amount was 1.86 inches at Watford City 14 S on the 20th. Monthly totals ranged from 0.18 inch at Hankinson to 3.14 inches at Keene. In general, monthly totals were less than an inch over the southeast but averaged about an inch and a half over the middle and over two inches over the northwest part of the State.

Field operations became general by the middle of April. Light showers over the eastern and some central counties from the 14th to 25th caused little inconvenience and more moisture was needed. Heavier rains were beneficial to the western areas. The rain and snow over the north delayed field work until several days of drying weather made it possible for the farmers to begin working the higher grounds. Weeds and wild oats were becoming a problem in some fields. High winds caused some soil blowing in the dry southwest during the first few days of April. High winds at the end of the third week depleted top soil moisture and caused some soil blowing. At the end of April a few fields of corn, potatoes, and sugar beets were being planted and early seedings of cereal grains and flax were emerging in the southern half of the State. The abundant soil moisture in the north and the timely rains in the west improved the pastures but more rain was needed in the southeast to produce more green feed for livestock. There were ample supplies of hay to supplement the available pasture feed and the livestock were in better than average condition. Lambing and calving were half complete and good crops of lambs and calves were in prospect.

STORMS

High winds blew across the State on April 19th. In the vicinity of Beach, hundreds of poles carrying R.E.A. power lines and telephone lines were damaged. Some consumers were without electric or telephone service for several days.

Lucius W. Dye

SUPPLEMENTAL DATA

NORTH DAKOTA
APRIL 1955

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover	sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total			
BISMARCK WB AIRPORT	WNW	13	14.8	63	W	20	70	81	45	44	7	3	0	1	1	0	12	63	6.8	
DEVILS LAKE WB CITY	-	-	10.8	38	NE	17	-	-	-	-	2	7	3	0	0	0	12	55	7.1	
FARGO WB AIRPORT	S	13	16.9	50	SE	20	71	77	49	47	6	6	3	0	0	0	15	69	6.3	
WILLISTON WB CITY	-	-	9.5	34	NW	15	-	83	55	46	2	3	4	2	0	0	11	56	7.4	

COMPARATIVE DATA

APRIL

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation			
	Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall		
1892	37.6	75	- 2	2.65	6.3	1917	37.2	73	5	1.68	5.6	1942	44.9	90	- 6	1.96	3.3		
1893	34.3	77	- 8	1.70	7.8	1918	41.4	81	0	2.18	3.0	1943	44.9	83	- 11	1.48	0.1		
1894	42.8	92	12	3.03	4.4	1919	42.3	79	6	1.52	6.2	1944	40.8	77	- 11	0.80	0.2		
1895	49.6	87	10	2.23	0.0	1920	32.1	63	- 11	0.84	2.1	1945	38.0	80	6	1.10	4.5		
1896	40.1	92	2	3.80	5.1	1921	41.1	91	1	1.77	3.8	1946	48.2	87	9	0.67	2.4		
1897	40.8	93	- 7	1.08	1.1	1922	42.3	89	- 2	0.92	2.3	1947	39.9	90	0	1.48	6.8		
1898	41.9	87	- 4	1.38	0.5	1923	38.7	89	- 15	1.45	7.2	1948	40.3	85	- 13	2.15	5.0		
1899	38.0	86	- 22	1.36	6.3	1924	39.3	84	6	2.53	7.5	1949	47.2	96	- 5	0.45	7		
1900	49.3	93	11	0.85	7	1925	47.8	85	- 10	1.60	T	1950	32.6	83	- 9	1.38	9.5		
1901	44.5	92	10	0.98	0.3	1926	42.8	98	- 4	0.28	0.9	1951	38.6	84	5	0.81	3.1		
1902	40.2	87	- 2	1.06	2.9	1927	41.4	95	- 7	1.73	2.3	1952	48.5	99	8	0.13	0.2		
1903	42.5	83	8	1.23	2.7	1928	35.9	84	- 7	0.91	5.0	1953	36.3	83	0	2.58	4.8		
1904	37.4	91	2	1.38	8.1	1929	41.5	85	- 9	1.31	3.4	1954	39.1	84	- 16	1.22	2.3		
1905	40.2	83	3	0.51	3.7	1930	47.3	86	8	1.25	0.5	1955	48.1	89	15	1.47	1.3		
1906	46.7	88	8	1.50	1.3	1931	44.1	87	3	0.43	0.7								
1907	31.9	80	- 6	0.52	4.2	1932	44.1	79	0	2.14	0.7								
1908	43.9	91	- 19	1.52	5.9	1933	40.0	84	2	1.33	7.3								
1909	34.2	80	3	0.77	5.1	1934	43.7	95	7	0.44	1.9								
1910	48.0	96	4	1.37	2.9	1935	38.4	83	0	1.93	3.6								
1911	41.5	90	- 5	1.19	6.3	1936	35.6	87	- 15	0.39	0.5								
1912	44.4	88	2	2.35	1.7	1937	40.7	79	2	2.02	5.8								
1913	46.8	94	11	0.64	2.4	1938	42.8	90	1	1.09	0.1								
1914	40.9	84	2	1.46	2.8	1939	41.6	90	- 1	0.87	0.8								
1915	50.3	99	5	1.03	7	1940	37.8	78	- 9	2.22	4.1								
1916	39.2	79	- 6	1.44	2.9	1941	44.1	82	6	2.30	1.6								

AVERAGES FOR THE PERIOD 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature										Precipitation												
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
											Max.		Min.						Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
											30° or more above	32° or below	32° or below	0° or below										
EASTERN DIVISION																								
AMENIA		65.3	37.1	51.2	9.6	82	26	26	6	415	0	0	11	0	0.61	-1.14	0.25	5	0.0	0	2	0	0	
ARVILLA STATE PARK		63.7	36.9	50.3		85	10	23	13	443	0	0	7	0	0.50		0.25	18	0.0	0	1	0	0	
CARRINGTON											0	0	0	0	0.83	-0.50	0.26	20	0.0	0	4	0	0	
CAVALIER		60.9	37.0	49.0	9.8	83	30	26	6	477	0	0	7	0	2.35	-0.96	1.11	18	1	5	2	1		
COOPERSTOWN		64.0	35.9	50.0	9.7	81	10	24	6+	446	0	0	13	0	0.57	-0.82	0.15	4	T	0	4	0	0	
DEVILS LAKE WB CITY		59.3	36.3	47.8	7.8	80	30	24	6	509	0	0	7	0	1.35	-0.09	0.37	20	3.2	2	5	3	0	0
EUGLELEY EXP FARM		63.7	35.8	49.8	7.2	80	11	25	6+	453	0	0	11	0	0.71	-1.04	0.26	5	2.6	3	5	3	0	0
EDMORE 1 W		58.4	36.7	47.6	8.3	81	30	25	6	515	0	0	11	0	2.41	1.15	1.27	18	4.0	4	5	5	1	1
ELLENDALE		68.0M	36.2	52.1M	9.4	83	30	24	7	386	0	0	11	0	1.01	-0.85	0.37	20	1.0	T	5	4	0	0
ENDERLIN		63.8	34.2	49.0		81	27	24	22	472	0	0	15	0	1.04		0.52	19	3	5	2	1	0	
FARGO WB AP		63.5	38.1	50.8	8.7	82	30	26	6	424	0	0	9	0	0.48	-1.40	0.11	27	0.3	T	5	3	0	0
FORMAN		67.0	37.5	52.3	8.3	83	10+	23	7	385	0	0	9	0	0.55	-1.46	0.22	20	0.0	0	3	0	0	
FULLERTON		67.1	37.2	52.2	9.5	85	30	25	6	385	0	0	11	0	0.80	-1.34	0.57	5	5.7	3	5	2	1	0
GACKLE		63.5M	36.8M	50.2M	8.1	79	30	23	6	451	0	0	11	0	0.83	-0.71	0.27	17	T	0	4	0	0	
GRAFTON		62.7M	37.6M	50.2M	9.6	82	10	26	6	440	0	0	0	0	1.49	-0.15	0.45	5	4.5	5	5	5	0	0
GRAND FORKS CAA AP		60.7	37.1	48.9	7.6	81	10	26	6	478	0	0	10	0	0.75	-0.91	0.33	18	T	1	1	2	0	0
GRAND FORKS UNIVERSITY		61.2	39.4	50.3	9.0	78	14+	29	6	440	0	0	5	0	0.99	-0.67	0.43	18	0.5	T	1+	3	0	0
GRAND RAPIDS 1 N		66.4	35.9	51.2		85	26	23	7	415	0	0	13	0	0.84		0.47	5	T	0	1	0	0	
HANKINSON R R STATION		67.3M	35.4M	51.4M	7.9	84	11	22	6	400	0	0	0	0	0.18	-1.83	0.13	27	0.0	T	0	1	0	0
HANNAH		56.8M	34.9M	45.9M	8.0	80	30	24	6	577	0	0	12	0	0.76	-0.36	0.26	24	T	T	1+	2	0	0
HILLSBORO		63.1	37.4M	51.5M	9.3	82	10	26	6	402	0	0	0	0	0.82	-1.06	0.30	18	T	0	3	0	0	0
JAMESTOWN CAA AP		63.1	34.5	48.8	7.1	81	10+	25	6+	485	0	0	13	0	0.74	-0.96	0.19	12	T	T	5	3	0	0
JAMESTOWN STATE HOSP		64.2	36.8	50.5	8.8	81	10+	26	6	432	0	0	13	0	0.56	-1.14	0.15	12	0.0	0	3	0	0	0
KENSAL WILDLIFE REFUGE		63.7	35.9	49.8		82	10	24	13	449	0	0	12	0	0.86		0.20	20	0.0	0	5	0	0	0
LANGOON EXP FARM		57.9	34.5	46.2	8.6	84	30	22	6	558	0	0	15	0	1.42	-0.19	0.77	18	1.5	2	1	3	1	0
LARIMORE		63.1	37.0M	50.1M	9.9	84	30	25	6	459	0	0	0	0	0.59	-1.01	0.24	18	0.0	0	2	0	0	0
LISBON		67.8	36.4	52.1	10.0	81	26+	22	22	391	0	0	14	0	0.71	-1.22	0.55	5	4.4	T	1	1	0	0
MAYVILLE		63.3	36.8	50.1	7.6	82	10	26	13	446	0	0	9	0	0.37	-1.18	0.16	5	T	T	1+	2	0	0
MC HENRY 5 N		62.1	36.4M	49.3M	8.7	81	10			442	0	0	0	0	0.73	-0.64	0.18	20	T	T	5	3	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

NORTH OAKOTA
APRIL 1955

TABLE 2 - CONTINUED

Temperature													Precipitation												
Station	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail				No. of Days			
										90° or Above	32° or Below	32° or Below	0° or Below					Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More		
																								Max.	Min.
MC LEO 3 E	67.6	37.2	52.4	8.8	85	10	23	22	377	0	0	11	0	0.31	- 1.68	0.25	5	3.0	0		1	0	0		
MUNICH 4 SW	56.6	34.4	45.5		81	30	25	3	579	0	0	13	0	1.58	0.57	20	3.0	1	5	4	1	0	0		
OAKES	64.2	36.1	50.2	7.4	81	27	22	7	442	0	0	13	0	0.51	- 1.36	0.21	5	2.0	1	5	1	0	0		
PARK RIVER	62.3	37.4	49.9	9.4	80	10+	25	6	446	0	0	8	0	2.01	0.69	0.91	18	3.0	2	5	4	2	0		
PEMBINA 2 N	61.1	36.7	48.9	10.4	80	10+	25	6	475	0	0	8	0	1.53	0.27	1.12	18	0.0	2	1	2	1	1		
PETERSBURG	61.6	36.2	48.9		80	10	27	13	476	0	0	10	0	0.92	- 0.47	0.26	5		1	1	5	0	0		
SHARON	61.4	36.8	49.1	9.5	79	10	26	6	470	0	0	10	0	0.65	- 0.83	0.18	5	0.8	T	1+	3	0	0		
VALLEY CITY	65.5	36.5	51.0	8.6	83	26	23	7	414	0	0	12	0	0.46	- 1.27	0.23	5	2.0	0		2	0	0		
WAHPETON STATE SCHOOL	68.0	38.7M	53.4M	9.2	84	30	24	22	352	0	0	9	0	0.92	- 1.16	0.48	28	0.0	0		3	0	0		
DIVISION			49.9		8.7									0.91	- 0.80			1.2							
MIDDLE DIVISION																									
ASHLEY	64.7	36.1	50.4	8.0	80	30	23	6+	434	0	0	10	0	0.95	- 0.66	0.31	19	0.0	0		3	0	0		
BELCOURT INDIAN RES	56.8	31.9M	44.4M		80	30	21	6	620	0	0	14	0	0.78	0.41	0.20	T	3	1	3	0	0	0		
BISBEE	57.7	35.4	46.6	5.9	79	30	24	6	545	0	0	12	0	0.98	- 0.21	0.53	20	1.0	1	5	3	1	0		
HISMARCK WB AP	62.9	34.9	48.9	5.8	81	29	24	6+	475	0	0	14	0	1.77	0.38	1.01	23	0.5	T	5	2	2	1		
BOTTINEAU	56.1	33.9	45.0	6.0	77	11	24	6+	595	0	0	11	0	1.07	0.23	0.47	24	1.0	3	1	3	0	0		
BUTTE	57.8	35.3	46.6	5.3	80	11	20	6+	546	0	0	8	0	1.67	0.37	0.66	24	5.0	2	5+	7	1	0		
CARSON NO 2	62.3	35.6	49.0	6.5	80	30	25	16	475	0	0	10	0	1.17	- 0.18	0.36	20	0.1	0		5	0	0		
CENTER	62.0	34.2M	48.1M	5.3	82	30	22	6	504	0	0	7	0	1.95	0.72	0.81	20	3.0	1	5	7	1	1		
DRAKE	58.0	35.0	46.5	6.1	79	11	20	6	548	0	0	9	0	2.31	1.14	1.02	24	3.0	0		5	1	1		
ECKMAN	57.4	33.5	45.5	5.1	78	11	27	6+	580	0	0	15	0	1.11	0.20	0.42	20	0.0	0		4	0	0		
FESSENDEN	61.9	35.8	48.9	8.5	82	30	21	13	480	0	0	13	0	1.82	0.50	0.98	20	0.0	0		4	1	0		
FORT YATES	67.4M	36.4M	51.9M	7.1	82	29+	21	1	388	0	0	10	0	0.96	- 0.39	0.52	20	0.0	0		3	1	0		
FOXHOLM 7 N	59.9	33.6	46.8	6.0	77	10	23	6	540	0	0	11	0	1.61	0.36	0.86	20	2	5	5	1	0	0		
GARRISON	58.4	33.4	45.9	3.8	78	11	22	6	567	0	0	14	0	1.97	0.81	0.48	4	1.9	2	5	6	0	0		
GRANVILLE	61.0	35.0	48.0	7.2	81	10+	24	6	504	0	0	12	0	1.33	0.39	0.53	20	2.0	1	5	4	1	0		
HANSBORO	57.5M	35.6M	46.6M	8.0	78	30	22	6	545	0	0	11	0	0.91	- 0.34	0.50	19	0.1	T	1	3	1	0		
LEEOS	59.8	36.9	48.4		80	30	22	6	494	0	0	9	0	1.96	0.88	18	3.0	1	5	4	2	0	0		
LINTON	66.9	34.9	50.9	8.1	83	29+	18	7	419	0	0	12	0	0.83	- 0.45	0.38	20	0.0	0		2	0	0		
MAQUOCK AGR SCHOOL	61.5	35.6	48.6	8.0	82	30	21	6	489	0	0	11	0	1.22	0.10	0.50	20	T	0		4	1	0		
MANOAN EXP STATION	61.1	36.0	48.6	6.0	80	11+	25	7+	489	0	0	10	0	1.52	0.24	0.88	24	T	0		3	1	0		
MANDAN FT LINCOLN PARK	66.3M	36.4	51.4M		81	10+	24	6	404	0	0	8	0	1.71	0.84	23	T	5	4	1	0	0			
MAX	57.7	33.9	45.8	5.2	77	11	20	6	568	0	0	13	0	2.11	0.86	0.62	21	2.0	2	5	8	1	0		
MC CLUSKY	60.4	35.1	47.8	6.7	80	30	23	6	509	0	0	10	0	1.73	0.49	0.66	23	0.5	0		6	1	0		
MINOT CAA AP	57.8	35.2	46.5	5.7	78	10	25	6	547	0	0	9	0	1.11	- 0.11	0.48	19	1.4	1	5+	4	0	0		
MINOT EXP STATION	57.0M	35.1M	46.1M		77	11	20	6	559	0	0	0	0	1.72	0.78	20	3.5	4	5	5	1	0			
MOFFITT 4 SE	64.8	34.4M	49.6M		80	10	20	7+	462	0	0	13	0	1.33	0.66	23	0.3	0		3	1	0			
MOHALL	58.8	33.7	46.3	5.9	78	10	26	6	556	0	0	15	0	1.63	0.67	0.77	19	1.0	5	1	4	1	0		
NAPOLEON	63.9	36.8	50.4	9.0	80	29+	21	6	42+	0	0	11	0	0.78	- 0.73	0.45	20	0.0	0		2	0	0		
NEW SALEM 1 S	62.2	34.9	48.6	6.3	82	30	24	6+	487	0	0	12	0	2.12	0.97	1.25	20	1.5	T	5	5	1	1		
PETITBONE	61.7	35.3	48.5	7.7	78	10	22	6	489	0	0	11	0	2.06	0.90	0.87	20	T	0		5	1	0		
RIVEROALE	58.1	34.6	46.4		78	11	23	6	552	0	0	13	0	2.68	0.56	0.41	20	2.0	2	5	6	3	0		
ROLLA	55.4	33.7	44.6	4.8	78	30	23	6+	606	0	0	14	0	0.93	- 0.28	0.41	20	0.2	T	1+	4	0	0		
RUGBY	60.3	36.7	48.5		82	30	21	6	488	0	0	9	0	1.29	0.30	0.44	5	4.0	0		4	0	0		
SAN HAVEN	56.8	34.9M	45.9M	6.4	82	30	22	6	585	0	0	0	0	0.64	- 0.20	0.35	20	0.5	6	1	3	0	0		
STEELE	65.0	35.6	50.3	7.6	79	10	20	6	437	0	0	11	0	1.49	0.31	0.74	23	0.0	0		4	1	0		
TOWNER	61.0	33.5M	47.3M	5.5	82	30	27	14	535	0	0	0	0	1.93	0.93	0.52	20	T	0		5	1	0		
TURTLE LAKE	62.7	35.2	49.0	7.7	81	30	22	6	477	0	0	12	0	2.16	1.11	0.54	20	0.0	0		6	2	0		
UNDERWOOD	59.7	32.6	46.2	2.4	79	11	20	6	559	0	0	17	0	1.80	0.73	0.50	21	1	5+	8	1	0			
UPHAM 3 N	60.3	33.9	47.1		81	10	25	6	530	0	0	15	0	0.85	0.54	24	0.0	6	1	4	0	0			
VELVA	61.4	35.2	48.3	6.4	80	10	23	6	494	0	0	13	0	1.72	0.63	0.54	20	1.5	1	5	6	2	0		
WASHBURN	64.2M	35.3M	49.8M	6.5	83	29	23	6	459	0	0	0	0	1.98	0.91	0.73	23	0.0	0		6	1	0		
WESTHOPE	57.3	33.4	45.4	5.5	77	10+	25	6	580	0	0	14	0	0.72	- 0.15	0.38	20	T	0		3	0	0		
WILLOW CITY	58.1	34.1	46.1	6.5	83	30	25	7	563	0	0	12	0	0.94	- 0.02	0.36	23	2.5	T	1+	4	0	0		
WILTON	61.1	35.5M	48.3M	6.1	80	30	23	6	471	0	0	12	0	2.10	0.98	0.66	23				7	1	0		
WISHEK	64.2M	34.3M	49.3M	7.8	79	30	23	6	464	0	0	13	0	0.77	- 0.63	0.47	20	0.0	0		2	0	0		
DIVISION			47.8		6.5									1.47	0.14			1.0							
WESTERN DIVISION																									
ALMONT 7 SW	62.8	37.3	50.1		83	30	24	6	438	0	0	5	0	1.68	0.94	0.20	T	0			5	1	0		
AMIDON	59.6	33.1	46.4	5.0	81	30	22	6	552	0	0	14	0	1.62	0.30	0.84	20	1.0	1	5	2	2	0		
BEACH	58.7	32.4	45.6	3.4	76	30	18	6	574	0</															

NORTH DAKOTA
APR 11 1955

Station

See reference notes following Station Index

DAILY PRECIPITATION

Table 3—Continued

NORTH DAKOTA
APRIL 1955

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ROCKFORD 7 WNW	1.88				.23	.22							.13		T	T		T	.08	T	.86	.15				.07		.14					
NEW SALEM 1 S	2.12			.03	.03	.15							.06	.08						.18	1.25				.12	.22							
NEWTOWN	2.35				.43	.30							.15							.55	.81	.05		.06				T					
NODMAN	2.11				.08								T							.34	1.03	.05		.50		.11		T					
NORTONVILLE	.51					.30										T					T			.18	T	.03							
OAKES	.51				.06	.21	.06							T			.01		.06	.02	.06	T		.03				T					
PARK RIVER	2.01	T				.50							.50				.02		.91	.35		.02		.13			T						
PARSHALL	2.54				.37	.22						.17						.03		.75	.78			.25			T						
PEMBINA 2 N	1.53				.03														1.12	.04	.20	.02		.02								.07	
PETERSBURG	.92				.26													.07	.13		.17	.10		.04			T						
PETTIBONE	2.06				.30	.05							.15					.03	T		.87	.14		.46		.05	.01						
PINGREE	.84				.15	.09							.11				T		.02		.15	.05		.05	.15								
PORTAL	1.75				T	.02							.03				T			T	.60	.50		.11	.32	.06	.11	T		T			
POWERS LAKE 1 N	1.81				.04									T						.46	.80		.36		.15								
PRETTY ROCK	.76			.06	T	.07	T						.02	.05				T		.06	.34					.16							
RAUB 10 SSW	-					.50					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
REEDER	1.37			.70		.03														.21	.22												
REEDER 14 N	1.84				.78	.06	.05												.18	T	.70											.07	
RICHARDTON ARHEY	1.55			.07		.16	.40	T					.02							.31	.57						T						
RIVERDALE	2.68				.56	.18	.09						.08				.06				.36	.55		.53	.27			T					
ROLLA	.93				T	T											T			T	.41	.12		.17	.21								
RUGBY	1.29					.44	T										T		.08	.01	.33	.03		.21	.17								
RYDER	1.80				.18	.19				T											.64												
SAN HAVEN	.64					.04															.95	.02		.10	.13								
SCRANTON	1.67			.42	.20	.19												.18		.28	.28												
SELFRIEGE 11 W	1.25			.02		.08													T	.43	.36											.02	
SENTINEL BUTTE 20 S	2.41	.27	.20		.18	.04						.09			T					.35	1.28												
SHARON	.65					.18									T					.12		.04											
SHERWOOD 3 N	2.05				T	.03						.18					T	.08	.08		.02	1.18	.03	.36	.06	.18	.01	T					
SHIELDS	1.44			.10		.08														.24	.72			.23	.07								
STANLEY	2.25					.14						.15								.77	.58		.55		.06								
STEELE	1.49				T	.09							.04						T	.28	.15		.74		.03	.02							.14
SYKESTON	1.67				.34	.16							.13						T	.72													
TAGUS	1.69				T	.08													T	1.12	T			.24	.12								
TIOGA	2.16					.35	T													.50	.85			.28	.18								
TOLLEY	2.04			T		.09	.02						.25							1.30	.10												
TOWNER	1.93					.47															.52			.39	.27								
TROTTERS 6 WNW	1.81						T					.50								.05	1.26												
TURTLE LAKE	2.16				.41	.18							.05		T					.02	.54	.10		.53	.30								
TUTTLE	1.43				.09	.05												.02			.40	.05		.67	.05								
UNDERWOOD	1.80				.30	.15	.10						.14							T	.13	.50		.14	.25	.05	.04						
UPHAM 3 N	.85				T	.12						.05	T							T	.22	.14		.08	.24								
VALLEY CITY	.46				.12	.23														.02													
VELVA	1.72				.01	.50						.10	.01							.15				.05	.21								
VERONA	.71					.51													T	.09	.08	.15		.03									
WAHPETON STATE SCHOOL	.92				.14	.18	.02												.04	.01		T											
WALHALLA	2.02				T	.08							.07						T	1.05	.39	.12		.05									
WARWICK	.99					.16							.09							.01			T	.07	T		.12	.13					
WASHBURN	1.98			.25	.25																.30	.08		.73	.27								
WATAUGA S OAK 8 N	.65											T			T					.10	.45												
WATFORD CITY	2.90				.36	.48														.74	1.18												
WATFORD CITY 14 S	2.95			T	.43	.33														.28	1.86		.14										
WESTHOPE	.72												.02								.38	.12		.15									
WILDROSE	1.93				.04															.35	.68		.63										
WILLISTON WB CITY	2.41	R//		.32	.07	.14							.05		.01	T				.73	.80		.19										
WILLOW CITY	.94					.14														T	.20	.04		.36	.20								
WILTON	2.10			.02	.03	.24						.01	T							.10	.41	.14		.66	.35		.12	.02					
WISHEK	.77																			.08	.47	.04											
WOODWORTH S E	.62				.13	T							.05							T	.31			.10									
ZAHL	1.90				.04	.05						.01								.64	.88			.16									

DAILY TEMPERATURES

NORTH DAKOTA
APRIL 1955

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	68	72	58	45	35	47	67	72	75	79	63	56	65	68	59	60	73	54	60	52	62	63	54	68	54	73	62	58	80	83	62.8	
	MIN	32	33	45	34	31	24	34	33	38	44	43	40	32	37	36	27	36	40	45	33	33	34	44	36	42	46	47	33	39	48	37.3	
AMENIA	MAX	67	68	64	44	42	44	63	75	74	80	78	71	70	65	62	62	62	56	62	68	46	54	67	65	60	82	80	63	79	81	65.3	
	MIN	33	32	38	36	32	26	27	32	39	40	36	40	29	35	45	30	27	43	42	41	34	30	42	41	35	40	45	27	55		37.1	
AMIDON	MAX	55	66	70	48	38	31	44	60	66	72	75	49	55	65	67	50	64	69	57	56	51	63	68	64	62	57	74	54	57	81	59.6	
	MIN	35	26	36	32	28	22	25	31	31	41	38	36	32	35	31	26	34	38	38	31	29	39	39	34	36	35	39	28	29	42	33.1	
ARVILLA STATE PARK	MAX	68	60	58	51	42	43	64	75	76	85	77	69	60	71	64	61	59	49	64	57	47	47	63	61	64	78	80	61	76	80	63.7	
	MIN	34	28	34	37	33	27	25	33	39	43	39	39	23	26	48	35	28	43	40	45	36	34	35	42	28	40	57	45	35	57	36.9	
ASHLEY	MAX	69	72	64	50	46	49	63	73	75	78	70	52	62	67	60	62	70	69	63	55	58	63	58	65	66	74	68	60	79	80	64.7	
	MIN	28	33	42	38	32	23	23	31	33	41	41	42	23	28	41	27	30	41	42	35	33	30	43	41	39	39	51	40	37	56	36.1	
BEACH	MAX	56	66	69	49	36	33	47	61	67	72	74	52	57	61	70	52	58	67	56	54	50	62	65	59	61	53	70	54	55	76	58.7	
	MIN	30	31	32	32	27	18	24	32	32	36	39	33	30	33	31	24	35	38	39	32	30	36	44	31	37	32	37	30	28	38	32.4	
BELCOURT INDIAN RES	MAX	53	54	53	44	36	45	60	68	68	76	73	50	60	65	60	55	52	55	52	48	39	42	45	63	56	61	67	55	68	80	56.8	
	MIN	28	33	35	32	30	21	26	33	37	43	41	35	22	27	39	26	24	30	34	29	23	33	36	31	37	48	38	26	44	31.9		
BELFIELD	MAX	68	72	61	44	35	45	63	68	73	77	67	59	64	69	69	59	73	49	57	47	63	59	60	63	68	73	63	57	80	87	63.1	
	MIN	30	24	37	31	30	16	25	31	30	29	39	38	31	34	31	24	32	37	40	31	30	36	42	30	36	31	41	33	30	40	32.3	
BEULAH	MAX	55	65	68	54	39	31	42	61	67	72	78	50	53	66	66	52	57	65	47	53	41	53	59	49	61	55	70	55	56	75	57.2	
	MIN	27	26	27	33	30	20	21	25	29	31	34	37	23	26	28	22	23	36	40	36	30	31	32	28	32	34	36	34	23	28	29.4	
BISBEE	MAX	55	57	54	48	38	47	59	68	69	78	67	51	62	66	60	56	53	45	52	52	44	43	49	63	59	63	69	56	70	79	57.7	
	MIN	31	34	37	34	30	24	30	32	36	40	42	36	29	31	41	30	31	40	39	41	30	26	34	39	37	39	49	40	32	48	35.4	
BISMARCK WB AP	MAX	68	75	58	45	37	49	67	75	76	80	60	55	64	70	57	62	73	53	54	50	59	63	52	68	57	75	65	61	81	79	62.9	
	MIN	28	30	44	37	32	24	24	28	32	36	43	32	24	29	34	25	32	42	45	37	34	40	42	36	41	39	45	38	31	52	34.9	
BOTTINEAU	MAX	46	56	57	56	41	40	46	61	68	71	77	62	52	62	64	55	56	58	51	51	49	40	45	45	64	53	63	68	57	70	56.1	
	MIN	26	36	38	30	32	24	24	28	38	36	43	37	28	29	38	26	38	39	39	33	29	28	35	34	34	37	41	39	27	44	33.9	
BUMBELLS	MAX	47	59	66	54	38	43	51	63	68	73	76	51	55	62	63	53	55	58	51	43	41	42	52	46	59	42	54	47	53	68	54.4	
	MIN	32	31	39	32	32	26	28	34	35	34	44	31	29	32	35	28	29	33	35	30	29	29	33	32	30	30	35	35	30	36	32.5	
BURMAN COURT HOUSE	MAX	66	71	68	44	37	43	59	63	71	74	73	55	60	68	66	57	71	70	57	53	63	69	68	61	60	74	73	55	81	80	63.7	
	MIN	31	32	37	33	27	21	24	30	33	36	36	35	30	30	32	23	32	32	35	33	29	39	38	31	40	35	41	30	31	31	32.2	
BUTTE	MAX	56	65	69	59	42	33	44	61	70	73	80	56	52	65	69	55	57	58	45	54	45	45	53	42	63	60	75	55	60	74	57.8	
	MIN	33	32	39	35	32	20	20	33	35	44	45	38	30	35	37	38	31	40	41	40	31	30	35	35	36	37	40	38	33	46	35.3	
CARRINGTON	MAX	65	64	62	57	49	47	46	61					66	67	67	66									64		58	78		65	74	
	MIN	30	33	32	33	30	30	32	37					68	38												37	36	42	42	38		
CARSON NO 2	MAX	66	72	52	49	45	57	64	71	74	78	58	45	56	63	69	54	68	71	57	62	48	60	65	61	66	64	73	60	59	80	62.3	
	MIN	32	32	42	32	33	30	28	33	37	45	42	39	34	35	36	25	32	38	40	33	32	33	40	32	41	37	41	34	31	48	35.6	
CAVALIER	MAX	56	48	52	48	43	41	62	71	69	81	73	70	58	66	64	61	56	49	56	55	56	55	58	56	58	70	76	67	70	83	60.9	
	MIN	36	31	34	34	32	26	28	33	41	39	41	36	28	32	44	33	36	41	41	42	41	30	35	39	36	40	50	46	35	51	37.0	
CENTER	MAX	67	72	65	48	36	44	63	74	75	77	74	54	65	67	55	58	61	49	51	52	56	61	53	64	59	72	68	59	78	82	62.0	
	MIN	28	35	39	33	30	22	26	30	33	34	42	39	25	32	35	23		39	42	34	34	30	42	32	42	34	68	35	32	44	34.2	
COOPERSTOWN	MAX	63	68	66	60	41	44	62	72	73	81	77	69	61	71	65	59	58	53	61	59	47	48	65	64	62	79	77	60	77	77	64.0	
	MIN	30	35	40	36	30	24	27	32	34	40	42	39	24	29	44	28	29	40	38	40	32	27	39	42	32	42	54	42	29	58	35.9	
CROSBY	MAX	59	55	54	50	44	53	63	69	73	78	63	58	61	62	57	55	58	53	44	43	47	58	57		44	49	49	52	70	69	56.8	
	MIN	30	31	38	31	30	25	29	32	33	37	42	30	28	34	32	28	31	38	39	35	28	31	36	32	35	28	40	34	27	27	32.4	
DEVILS LAKE WB CITY	MAX	60	63	56	43	35	44	62	70	71	79	70	50	62	69	57	57	56	46	61	46	40	44	59	62</								

DAILY TEMPERATURES

NORTH DAKOTA
APRIL 1955

Table 5-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GRAFTON	MAX	60	61	54	51	42	41	62	71	71	82	80	70	59	68	67		60	50	59	57	50	45	62	61	60	75	78	70	72	81	62.7	
	MIN	34	32	35	36	32	26	29	34	42	42	43	37	30	34	45		31	41	40	42	35	31	36	40	32	41	55	45	37	54	37.6	
GRAND FORKS CAA AP	MAX	61	55	58	46	39	39	62	72	73	81	76	49	60	69	61	60	51	52	63	52	41	49	64	54	64	78	79	59	76	78	60.7	
	MIN	33	33	40	32	31	26	29	33	36	42	44	32	28	34	44	32	31	42	40	40	36	32	40	37	31	48	49	45	37	57	37.1	
GRAND FORKS UNIVERSITY	MAX	62	55	57	46	42	40	64	74	70	77	77	48	59	78	62	60	53	53	63	54	47	49	64	54	62	76	78	60	75	78	61.2	
	MIN	34	36	41	38	32	29	31	32	38	42	42	39	30	36	48	34	34	43	41	43	38	34	41	44	64	48	58	46	38	58	39.4	
GRAND RAPIDS 1 N	MAX	70	72	63	52	44	48	64	75	76	81	76	64	64	71	65	64	62	62	61	59	57	58	70	63	66	85	75	65	80	81	66.4	
	MIN	28	32	42	38	32	25	23	29	31	37	38	42	24	27	45	36	26	42	40	39	37	24	43	44	29	38	57	44	27	59	35.9	
GRANVILLE	MAX	64	69	62	47	37	58	65	73	75	81	68	53	65	69	61	58	59	51	54	53	44	53	47	65	56	65	65	58	73	81	61.0	
	MIN	32	32	42	35	32	24	35	32	33	40	42	38	30	29	38	30	29	41	41	35	32	28	37	33	36	38	48	38	30	41	35.0	
GRENORA	MAX	62	65	60	54	43	52	63	68	72	76	72	66	61	67	66	55	54	50	46	45	54	56	55	57	45	52	53	52	72	71	58.8	
	MIN	30	32	38	32	29	23	29	33	44	38	46	29	31	35	32	25	38	40	39	37	31	34	36	38	33	28	39	34	29	36	33.9	
HANKINSON R R STATION	MAX	60	70	78	68	46	43	45	62	79	80	84	79	60	63	69	68	80	70	65	69	52	62	62	67	67	81	79	65	80	67.3		
	MIN	33	33	33	39	30	22	23	35	40	37	39	40	30	27	38		37	37	41	41	40	27	29		33	35	50	40	40	41	35.4	
HANNAH	MAX	56	55	50	44	40	44	63	67	66	75	69	52	59			55	52	45	53	50	42	44	51	60	59	63	72	55	66	80	56.8	
	MIN	32	36	37	33	30	24	31	35	31	41		35	25	34		31	29	38	38	40	30	30	32	38	36	38	50	41	31	52	34.9	
HANSBORG	MAX	57	55	54	46	38	46	61	69	69	77	72	50	62	65	57	57		54	51	50	41	42	47	61	54	61	69	56	68	78	57.5	
	MIN	32	36	37	34	30	25	32	32	35	42	40	35	29	34	43	30		31	39	40	30	32	33	39	37	40	45	41	33	46	35.6	
HETTINGER	MAX	67	71	65	46	36	46	62	69	75	75	60	55	64	72	66	60	72	66	61	54	66	71	63	67	57	75	72	59	82	86	64.7	
	MIN	30	30	40	34	30	23	24	31	33	35	39	39	31	36	33	24	36	36	37	36	31	36	43	33	44	37	43	32	36	44	34.5	
HILLSBORO	MAX	65	68	60	58	43	41	64	75	74	82	77	70	60	69	66	62	60	56	64	59	49		65	65	68	78	83	68	77	78	65.6	
	MIN	33	32	41	37	32	26	28	31	34	42	42	39	38	30	39	33	31	42	37	42	34		38	31	40	48	58	45	28	52	37.4	
JAMESTOWN CAA AP	MAX	67	72	60	41	36	47	65	75	74	81	73	53	63	70	60	61	59	53	60	51	48	54	68	65	63	81	71	62	80	81	63.1	
	MIN	31	29	40	35	29	25	25	33	35	39	38	34	26	30	36	28	29	31	41	39	38	28		42	42	37	31	38	30	56	34.5	
JAMESTOWN STATE HOSP	MAX	67	71	61	50	41	45	65	75	74	81	73	55	62	70	62	62	60	53	62	56	48	54	68	64	64	81	75	64	81	81	64.2	
	MIN	31	31	43	37	32	26	27	32	36	38	40	41	27	29	44	28	29	41	42	39	35	27	43	48	32	39	54	45	31	57	36.8	
KENMARE	MAX	48	59	61	56	39	42	50	61	67	70	76	50	55	60	64	54	55	59	51	47	39	43	53	50	59	45	56	48	54	70	54.7	
	MIN	34	29	30	33	32	25	28	32	32	40	42	30	33	30	36	30	29	39	38	38	29	30	32	35	30	29	35	29	32	39	32.7	
KENSAL WILDLIFE REFUGE	MAX	69	62	57	54	39	48	67	76	75	82	74	67	65	70	65	63	56	51	59	57	46	51	67	67	60	78	70	63	78	76	63.7	
	MIN	32	28	42	35	32	25	27	36	35	39	37	40	24	30	43	27	27	41	42	40	33	26	41	43	32	38	55	40	30	57	35.9	
LANGDON EXP FARM	MAX	55	54	50	45	39	43	54	65	68	77	74	63	58	68	61	56	54	45	52	51	45	42	52	58	55	65	70	66	69	84	57.9	
	MIN	30	34	33	32	30	22	30	32	32	38	44	34	26	32	42	30	28	38	38	39	31	30	30	37	36	36	50	41	30	50	34.5	
LARIMORE	MAX	63	62	58	50	40	42	63	73	73	82	75	69	58	70	69	61	56	48	56	56	47	46	63	61	61	77	78	75	78	84	63.1	
	MIN	34	43	34	35	31	25	28	34	40	43	40	38	25	31	36	31	30	41	40	36	33	32	38	31	36	41	58	45		65	37.0	
LEEDS	MAX	57	63	58	48	37	45	61	69	71	79	66	53	63	68	65	57	55	46	55	55	46	56	64	62	55	69	68	57	71	80	59.8	
	MIN	32	34	38	35	31	22	31	34	34	45	42	37	29	37	44	31	30	40	39	41	28	31	46	40	39	40	52	41	32	51	36.9	
LINTON	MAX	70	76	65	52	43	51	67	76	77	81	65	56	66	72	61	64	78	69	61	55	60	66	62	70	69	78	69	62	83	83	66.9	
	MIN	30	39	45	36	33	23	18	22	28	31	41	44	20	27	31	19	32	42	45	35	33	34	45	38	44	41	52	35	32	52	34.9	
LISBON	MAX	69	72	72	59	44	46	63	75	74	80	80	74	65	69	67	67	62	63	63	67	67	59	67	67	67	81	81	64	79	80	67.8	
	MIN	30	30	42	37	32	25	23	31	32	39	32	41	27	25	45	31	25	44	42	40	38	22	45	43	28	45	55	47	33	64	36.4	
LOSTWOOD 12 N	MAX	59	60	53	46	39	50	61	67	71	75	54	53	61	62	62	53	58	50	42	44	40	52	44	58	50	53	53	52	70	71	55.4	
	MIN	28	29	36	26	29	23	26	31	31	40	41	30	30	27	21	23	23	35	37	30	26	28	32	29	33	27	38	32	26	38	30.2	
MADBUCK AGR SCHOOL	MAX	62	65	62	53	39	46	62	69	73	80	74	56	64	70	61	57	55	46	59	59	42	48	56	66	62	73	72	59	73	82	61.5	
	MIN	33	33	40	37	31	21	30	32	33	40	42	39	27	29	41	29	28	41	40	40	31	28	36	40	36	37	50	41	32	50	35.6	

Table S-Continued

DAILY TEMPERATURES

NORTH DAKOTA
APRIL 1955

Station		Day Of Month																															Average		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
NEW SALEM 1 S	MAX	68	71	58	45	35	42	62	72	74	78	61	55	64	67	60	60	71	54	56	52	58	62	51	60	71	63	66	68	80	82	62.2			
	MIN	32	26	41	33	31	24	24	33	38	45	40	28	34	32	35	24	31	42	43	34	32	31	43	34	35	46	40	32	35	47	34.9			
NEWTOWN	MAX	64	67	66	52	38	46	62	68	74	77	53	56	63	66	64	55	62	51	49	49	54	59	53	60	58	69	66	55	73	76	60.2			
	MIN	28	30	42	34	32	22	28	30	31	36	42	37	32	28	35	30	28	41	42	35	32	31	40	28	40	30	42	35	28	43	33.7			
OAKES	MAX	58	69	71	58	50	36	47	64	75	76	79	74	58	63	69	65	63	65	66	61	48	55	63	66	63	68	81	73	64	78	64.2			
	MIN	25	29	41	38	31	25	22	29	38	34	38	42	28	29	41	32	32	42	42	42	38	26	37	42	30	43	57	46	32	53	36.1			
PARK RIVER	MAX	60	60	54	54	41	42	61	70	71	80	75	72	59	68	65	61	59	48	59	58	56	43	60	60	60	74	76	70	72	80	62.3			
	MIN	34	31	34	33	32	25	32	36	40	48	41	37	28	34	45	32	32	40	40	43	35	32	35	39	37	41	53	45	36	51	37.4			
PARSHALL	MAX	65	68	68	42	37	46	61	67	72	76	65	55	64	66	64	55	60	51	49	49	53	59	55	60	57	71	71	56	73	76	60.4			
	MIN	27	28	41	34	32	21	28	29	30	36	40	35	31	26	34	22	27	40	42	36	31	30	38	28	37	34	43	34	28	37	32.6			
PEMBINA 2 N	MAX	54	54	55	52	48	41	62	65	68	80	80	75	62	69	69	64	60	55	58	58	48	40	48	48	61	68	71	71	70	80	61.1			
	MIN	31	27	34	34	31	25	27	34	33	41	51	36	28	38	48	32	40	41	42	43	34	33	30	39	34	40	51	45	37	42	36.7			
PETERSBURG	MAX	59	60	56	50	43	42	61	70	71	80	76	78	60	70	65	59	53	55	62	53	45	44	61	60	59	75	74	58	73	77	61.6			
	MIN	31	32	36	33	30	28	28	33	33	42	47	37	27	34	44	30	30	37	40	40	31	30	35	39	33	40	54	43	34	55	36.2			
PETTIBONE	MAX	65	70	65	52	37	42	65	72	73	78	73	53	61	69	62	60	51	55	58	55	48	51	56	63	61	76	70	60	76	74	61.7			
	MIN	27	31	40	32	30	22	25	30	35	41	41	39	25	32	26	34	39	40	38	34	33	29	39	41	38	39	50	40	34	55	35.3			
PORTAL	MAX	47	57	52	54	38	42	50	62	67	72	78	51	56	60	62	50	55	57	52	45	39	41	51	47	59	44	50	47	52	68	53.5			
	MIN	32	31	36	31	31	25	31	33	35	39	43	31	31	33	34	27	30	36	36	35	27	29	34	32	33	30	35	34	30	37	32.7			
POWERS LAKE 1 N	MAX	59	61	56	47	41	49	60	66	71	76	60	55	60	63	60	45	60	52	44	44	45	55	45	56	45	54	50	53	70	73	55.8			
	MIN	29	31	39	31	30	24	28	34	29	36	43	30	28	25	33	24	25		38	33	28	29	32	35	34	29	40	32	26	38	31.5			
RAUB 10 SSW	MAX	61	57	62	43		45	62	74	70																							73	60	65
	MIN	32	40		34		21	30	38	33																							35	44	40
RICHARDTON ABBEY	MAX	68	69	67	46	36	43	62	69	74	77	73	54	66	67	65	58	72	63	61	48	59	62	60	64	59	71	69	57	79	81	63.3			
	MIN	30	32	44	34	30	19	29	33	37	40	40	39	33	38	34	26	37	38	42	33	31	35	44	33	43	35	43	33	37	50	35.7			
RIVERDALE	MAX	54	66	70	59	40	34	44	62	68	73	78	53	53	65	68	52	55	64	50	52	42	52	59	48	63	58	73	56	57	75	58.1			
	MIN	32	31	38	32	30	23	27	32	34	43	41	38	30	32	36	30	30	39	42	40	33	30	35	44	40	36	37	38	32	44	34.6			
ROLLA	MAX	52	53	53	45	34	46	59	68	68	75	65	50	62	64	57	56	51	43	49	47	40	40	45	61	55	60	65	55	67	78	55.4			
	MIN	30	32	35	28	30	23	28	31	38	40	41	34	27	35	39	23	29	37	37	37	28	28	31	37	36	37	46	38	31	46	33.7			
RUGBY	MAX	60	64	61	50	39	46	62	72	73	79	77	53	67	71	62	58	56	48	54	54	43	47	46	65	63	64	65	57	72	82	60.3			
	MIN	32	36	42	32	32	21	31	34	34	43	46	40	31	34	39	30	31	41	40	42	30	29	36	38	39	41	50	41	33	52	36.7			
SAN HAVEN	MAX	55	56	52	45	37	48	61	68	71	75	72	51	60	65	59	51	54	51	49	49	40	42	48	63	60	60	60	54	67	82	56.8			
	MIN	28	40	37	35	30	22	26	33		45	36		26	29	38	26	29	38	37	40	29	28	37	37	37	48	38	31	50		34.9			
SHARON	MAX	62	64	59	49	40	44	61	70	72	79	74	66	60	69	60	58	53	50	62	55	45	47	60	60	60	77	76	60	75	74	61.4			
	MIN	32	34	35	35	30	26	28	34	35	45	48	39	27	32	44	29	32	44	37	40	32	34	38	41	32	42	50	43	34	57	36.8			
STANLEY	MAX	61	65	56	47	37	50	62	67	73	78	65	55	65	64	58	54	55	50	45	45	50	56	44	58	54	57	54	53	70	74	57.4			
	MIN	31	29	39	30	30	22	28	31	30	38	41	33	31	27	33	26	27	37	37	32	28	29	35	29	34	29	44	32	26	40	31.9			
STEELE	MAX	67	73	69	54	40	49	66	75	75	79	76	54	65	70	66	65	72	61	57	56	55	59	59	64	64	77	72	61	74	75	65.0			
	MIN	28	31	42	36	32	20	24	28	32	40	42	42	21	33	42	29	34	40	38	37	34	30	40	34	41	39	50	38	29	61	35.6			
TOWNER	MAX	61	64	60	57	44	48	63	73	73	79	68	53	62	52	58	61	59	47	54	53	46	53	65	67	64	65	67	58	74	82	61.0			
	MIN	29	32	39	27	30	28	29	29	29	43	38	37	29	27	33	31	34	33	34	37	29	29	33	34	32	39	34	38			45	33.5		
TURTLE LAKE	MAX	67	71	71	54	38	46	63	71	74	79	72	52	64	68	64	55	61	47	52	54	52	62	54	65	62	74	72	59	76	81	62.7			
	MIN	31	32	42	32	31	22	28	33	34	42	41	38	28	31	36	29	33	40	42	34	32	30	40	63	39	36	51	37	30	48	35.2			
UNDERWOOD	MAX	56	67	72	60	30	30	45	63	71	74	79	58	53	65	68	53	57	69	57	52	48	58	57	49	64	57	74	58	57	76	59.7			
	MIN	32	32	40	33	31	20	27	33	31	31	40	38	29	30	35	25	26	32	34	38	32	30	38	31	31	35	35	40	37	32	30	32.6		
UPHAM 3 N	MAX	58	55	57	57	39	50	65	73	74	81	77	53	67	65	62	62	56	52	50	50	47	47	46	67	63	60	68	60	69	79	60.3			
	MIN	28	31	38	35	31	25	30	32	32	35	40	37	28	28	37																			

Table 6

EVAPORATION AND WIND

NORTH DAKOTA
APRIL 1955

APRIL 1955																																
Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
DEVILS LAKE WB CITY	EVAP	.11	.15	.10	*	*	.14	.12	.20	.17	.25	.24	.09	.09	.18	.22	.24	.10	.32	.08	.07	.07	.05	.04	.07	.07	.09	.22	.23	.19	.25	3.91
	WIND	55	83	134	125	60	85	54	91	26	61	78	80	22	39	89	101	69	112	134	124	167	52	86	33	38	72	107	123	46	55	2401
EDGELEY EXP FARM	EVAP	-	.21	.26	.12	.05	.04	.11	.18	.13	.22	.61	.00	.02	.15	.30	.19	.23	.06	.08	.07	.04	.17	.22	.12	.23	.34	.36	.21	.28	.43	5.798
	WIND	-	87	149	251	123	114	86	79	125	40	175	28	101	45	106	91	103	147	147	230	269	73	167	101	105	88	189	120	110	169	36858
MANDAN EXP STATION (A)	EVAP	.12	.13	.17	.12	.02	*	.03	.14	.14	.16	.22	.09	.10	.14	.20	.13	.16	.12	.02	.06	.10	.10	.18	.02	.11	.05	.12	.16	.19	.25	3.55
	WIND	103	83	245	379	225	195	90	98	87	75	154	208	105	82	187	109	127	183	204	299	261	139	247	82	97	118	218	178	115	206	4899
RIVERDALE	EVAP	-	.21	.43	.18	.04	.01	.07	.17	.31	.27	.28	.12	.19	.10	.19	.28	.24	.28	.08	.04	.09	.18	.19	.18	.22	.17	.17	.15	.29	.41	5.738
	WIND	-	76	244	330	169	118	70	111	89	106	161	83	75	60	160	142	102	288	198	315	230	124	225	39	58	172	197	152	140	156	45418

(A) PAN 6 FT IN DIAMETER; 24 INCHES DEEP; 1 IN GROUND 20 INCHES.

SNOWFALL AND SNOW ON GROUND

Table 7

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	SNOWFALL SN ON GND																				T	T											
AMIDON	SNOWFALL SN ON GND					1.0 1	T T					T T										T T		T T									
BEACH	SNOWFALL SN ON GND					3.0 3		2														2.0											
BELCOURT INDIAN RES	SNOWFALL SN ON GND	3			T T	T T																	T										
BELFIELD	SNOWFALL SN ON GND					- 3		2																									
BEULAH	SNOWFALL SN ON GND					- T		-																									
BISBEE	SNOWFALL SN ON GND					1.0 1																											
BISMARCK WB AP	SNOWFALL SN ON GND					0.5																T		T									
BOTTINEAU	SNOWFALL SN ON GND	3	1	T	T	T T	T T	T													T	T	1.0 1	T									
BOWBELLS	SNOWFALL SN ON GND	2	1	T	T	T T	T T	T	T	T	T	T	T	T									T										
CARSON NO 2	SNOWFALL SN ON GND				T	0.1																T											
CENTER	SNOWFALL SN ON GND					3.0 1		T																									
DEVILS LAKE WB CITY	SNOWFALL SN ON GND	T	T			2.4 1		T	T												0.3	T	0.5 T										
DICKINSON CAA AP	SNOWFALL SN ON GND				0.9	2.2 1		2	T												0.5	T											
DICKINSON EXP STATION	SNOWFALL SN ON GND					- 1		- 2	T																								
DUNN CENTER	SNOWFALL SN ON GND				T T	2.0 2	2.0 2	T														T	T										
EDMORE 1 W	SNOWFALL SN ON GND					4.0 4		T																									
ELLEDALE	SNOWFALL SN ON GND					1.0 T																											
FARGO WB AP	SNOWFALL SN ON GND				T	0.3 T																	T										
FOXHOLM 7 N	SNOWFALL SN ON GND					- 2		- -	- -																								
FULLERTON	SNOWFALL SN ON GND					5.7 3																											
GARRISON	SNOWFALL SN ON GND					1.6 2	0.3 1															T	T										
GRAFTON	SNOWFALL SN ON GND	2	1			4.5 5		- -	- -	- -																							
GRAND FORKS CAA AP	SNOWFALL SN ON GND	1	T	T		T																											
GRAND FORKS UNIVERSITY	SNOWFALL SN ON GND	T	T			0.5 T																											
GRANVILLE	SNOWFALL SN ON GND				T	2.0 1																	T										
HANSBORO	SNOWFALL SN ON GND	T				0.1																T											
HETTINGER	SNOWFALL SN ON GND					T T																											

See reference notes following Station Index.

Table 7-CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
APRIL 1955

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
JAMESTOWN CAA AP	SNOWFALL SN ON GND				T	T																										
KILLDEER B NY	SNOWFALL SN ON GND				T	4.0 3	2	1																								
MANDAN EXP STATION	SNOWFALL SN ON GND						T																									
MAYVILLE	SNOWFALL SN ON GND	T	T	T	T	T	T	T	T	T	T																					
MC CLUSKY	SNOWFALL SN ON GND					0.5																										
MC HENRY 5 N	SNOWFALL SN ON GND					T																T										
MEDORA 4 NNE	SNOWFALL SN ON GND					3.0 2																										
MINOT CAA AP	SNOWFALL SN ON GND				T	1.4 1	1															T	T									
MINOT EXP STATION	SNOWFALL SN ON GND					3.5 4	3	1													T	T	T									
MOHALL	SNOWFALL SN ON GND	5	2	1	T	1.0 T	T																									
MONTPELIER	SNOWFALL SN ON GND					1.3																										
MDTT	SNOWFALL SN ON GND				T	0.3												T	T													
MUNICH 4 SW	SNOWFALL SN ON GND					3.0 1																										
OAKS	SNOWFALL SN ON GND					2.0 2																										
PARSHALL	SNOWFALL SN ON GND					T	T													T	T											
PETERSBURG	SNOWFALL SN ON GND	1				-																										
PETTIBONE	SNOWFALL SN ON GND					T																		T								
PRETTY ROCK	SNOWFALL SN ON GND				T	2.0 1														T	2.0											
RICHARDTON ABBEY	SNOWFALL SN ON GND					3.2 3	T	T												T	T											
ROLLA	SNOWFALL SN ON GND	T	T	T	T	T	T	T														D.2										
SAM HAVEN	SNOWFALL SN ON GND	6	1	T	T	0.5 T																T	T									
SHARON	SNOWFALL SN ON GND	T	T			0.8																										
UPHAM 3 N	SNOWFALL SN ON GND	6	4	T	T	T																										
VALLEY CITY	SNOWFALL SN ON GND					2.0																										
WESTHOPE	SNOWFALL SN ON GND	-	-	-																	T	T										
WILLISTON WB CITY	SNOWFALL SN ON GND				T	0.8 1																										
WILLOW CITY	SNOWFALL SN ON GND	T	T	T	T	2.0 T																D.5										

STATION INDEX

NORTH DAKOTA
APRIL 1955

Station	Index No.	County	Drainage ¹	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No.	County	Drainage ¹	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables
Adams 7 S	0022	Walsh	10 48 20 98 06	-	-	-	-	GP Myron J. Bata	3	Melville	5833	Foster	5 47 20 99 02	1625	WID	Edgar S. Stogmaier	2 3 5	C	
Alexander	0056	McKenzie	13 47 50 103 38	2300	-	-	-	GP Arthur J. Bauman	3	Minot CAA Ap	5988	Ward	12 48 15 101 17	1722	MID	U.S. Civil Aero Ada	2 3 5	7 C	
Almont 7 SW	0138	Morton	4 46 43 101 39	2300	7P	GP Bogas Rasmussen	2 3 5	7	Minot Exp. Station	5993	Ward	12 48 10 101 18	1720	8A	N.C. Agri. Exp. Sta.	2 3 5	7 C		
Amherst 3 N	0196	Cass	11 47 00 97 13	960	SS	GP U.S. Border Station	2 3 5	7	Moffitt 4 SE	6015	Burleigh	12 48 10 101 18	1760	SP	U.S. Fish & W.L. Ser	2 3 5	7		
Anaden	0209	Slope	1 46 29 103 19	2910	8A	GP Adrian R. Waller	2 3 5	7 C	Mohall	6025	Reynolds	12 48 46 101 31	1639	9P	Iver Johnson	2 3 5	7		
Antler	0263	Bottineau	12 48 58 101 20	1540	WID	GP W. B. Wegner	2 3 5	7 C	Mott	6155	Stutsman	3 46 42 98 35	1379	SS	GP Rolf Hanson	3	7		
Arvilla State Park	0516	Grand Forks	46 48 02 99 20	1540	SS	GP W. B. Wegner	2 3 5	7 C	Mott	6155	Stutsman	1 46 23 102 20	2420	SS	GP Forrest E. Coffing	2 3 5	7 C		
Asbury	0382	McIntosh	12 47 50 100 10	1880	SS	GP W. B. Wegner	2 3 5	7 C	Mott	6155	Stutsman	1 46 40 102 19	1760	SP	GP Harold Feldner	2 3 5	7		
Baldhill Dam	0450	Barnes	11 47 02 98 02	1300	WID	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	1 46 39 98 45	1955	6P	GP Ted C. Frank	2 3 5	7		
Balfour	0492	McHenry	12 47 57 100 32	1615	WID	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	1 46 33 102 52	2621	6P	GP Anton Selinger	2 3 5	7		
Balta	0500	Pierce	11 48 10 100 02	2810	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	3 46 42 98 35	1379	SS	GP Richard Stambach	3	7		
Beulah	0516	McHenry	11 48 10 100 02	2810	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	4 46 50 101 25	2163	6P	GP William F. Ganse	2 3 5	7		
Beulah	0516	McHenry	11 48 10 100 02	2810	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	1 46 40 102 19	1760	SP	GP Martin Severson	2 3 5	7		
Belcourt Indian Res.	0626	Rolette	9 48 50 99 45	1960	7P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	12 48 53 103 01	1960	6P	GP George Koatek	2 3 5	7		
Bellevue	0639	Stark	4 46 53 103 11	2592	7P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	12 49 00 102 16	1508	WID	U.S. Customs Sta.	3	C		
Berthold	0729	Ward	12 48 19 101 44	2080	GP	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	3 46 42 98 35	1379	SS	GP Benry L. Erickson	3	7		
Beulah	0766	McHenry	6 47 18 101 47	1780	6A	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	4 46 50 101 25	2163	6P	GP R. E. Carrie Murray	2 3 5	7 C		
Bismarck	0796	Towner	2 48 37 99 22	1600	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	10 48 23 97 45	998	SP	GP Jerry W. Tanager	2 3 5	7		
Bismarck Wt Airport	0819	Burleigh	8 48 46 100 45	1650	WID	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	8 47 57 102 08	1320	8A	GP C. E. Shubert	2 3 5	7		
Bismarck 12 ENE	0827	Burleigh	8 48 46 100 45	1650	WID	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	10 49 00 97 14	1794	4P	U.S. Customs & Im.	2 3 5	7		
Bottineau	0941	Bottineau	12 48 10 100 02	2810	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	3 46 42 98 35	1379	SS	GP R. E. Carrie Murray	2 3 5	7 C		
Bowling	0961	Burke	12 48 48 102 15	1953	8A	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	12 49 00 102 33	1572	9A	GP A. U.S. Customs Serv.	2 3 5	7		
Bowman	0995	Bowman	3 46 11 103 23	2980	SP	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	6 48 34 102 38	2205	7P	GP Fred J. Clark	2 3 5	7		
Bowman 11 SE	0998	Bowman	3 46 11 103 23	2980	SP	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	1 46 11 101 51	1524	5P	GP R. E. Carrie Murray	2 3 5	7 C		
Bowman 30 NW	1001	Slope	7 46 35 103 31	2510	SP	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	8 47 44 102 06	1585	8A	GP Corps of Engineers	2 3 5	7		
Bremen	1002	Morton	1 46 24 100 56	1720	WID	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	8 47 36 102 05	1918	6P	GP Lyle P. Bolton	2 3 5	7		
Buchanan	1124	Stutsman	5 47 04 98 49	1572	WID	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	3 46 06 102 57	2850	6P	GP A. V. Kittelson	2 3 5	7		
Burt 16 N	1216	Bettinger	1 46 36 102 08	2344	GP	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	1 46 18 102 57	2860	5P	GP Chas. H. Netzelger	3	C		
Burtin	1225	McLean	4 46 48 97 38	1889	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	4 46 53 102 19	2420	5P	GP Assumption Abbey	2 3 5	7 C		
Cando	1288	Towner	2 48 29 99 12	1481	7P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	8 47 07 98 31	1855	7P	GP Arthur J. Deitzay	2 3 5	7		
Carrington	1380	Fonten	5 47 27 98 08	1579	7A	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	12 48 50 100 02	2108	6P	GP N.D. State Hospital	2 3 5	7		
Careon	1365	Grant	4 46 25 101 34	2300	WID	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	9 48 56 98 00	1602	WID	David E. Madland	2 3 5	7		
Carson No. 2	1370	Grant	4 46 25 101 34	2300	WID	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	11 47 50 99 07	1480	WID	Alvin H. Kennedy	2 3 5	7		
Cavalier	1425	Pembina	9 48 48 97 38	1889	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	8 46 01 101 10	2183	7P	GP L. E. Wilson	3	C		
Center	1456	Oliver	8 47 07 101 18	2100	7P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	7 46 37 103 49	2562	6P	GP G. E. Bury	2 3 5	7		
Colgate	1686	Steele	10 47 14 97 39	1180	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	10 47 36 97 54	1617	8P	GP Hugh Lyon	2 3 5	7		
Columbus	1696	Burke	12 48 54 102 47	1930	WID	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	12 49 00 101 38	1847	6P	U.S. Customs Serv.	2 3 5	7		
Cooperstown	1746	Griggs	11 47 08 98 07	1523	GP	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	1 46 14 101 07	1606	6P	GP James W. Rodenbaugh	3	C		
Courtesy	1816	Stutsman	5 47 13 98 34	1523	GP	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	8 48 19 102 24	2260	7P	GP Leroy Edwards	2 3 5	7 C		
Crosby	1871	Divide	12 48 54 103 18	1954	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	8 46 51 99 55	1857	6P	GP Steele Dione Prans	2 3 5	7		
Dawson	2018	Kidder	8 46 52 99 45	1730	WID	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	5 47 28 99 24	1834	4P	GP Edward Sondak	2 3 5	7		
Deville Lake Wt City	2158	Ramsey	4 46 07 98 52	1471	WID	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	12 48 20 101 36	2178	6P	GP W. H. Ellingsboe	2 3 5	7		
Dickinson CAA Ap	2168	Grant	4 46 47 102 48	2460	7A	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	8 48 24 102 36	2079	6P	GP L. A. Simon	3	C		
Dickinson Exp. Station	2188	Grant	4 46 53 102 48	2460	7A	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	12 48 17 101 47	1603	5P	GP CLOSED	8/11/54			
Donahybrook	2242	Ward	12 48 31 101 53	1760	GP	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	12 48 21 100 24	1422	7P	GP August B. Rieder	2 3 5	7		
Drake	2298	McHenry	12 47 55 100 22	1634	8A	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	13 47 17 103 54	1420	WID	John O. Nellerae	2 3 5	7		
Dunn Center	2335	Dunn	6 47 21 102 37	2191	8A	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	8 47 31 100 33	1999	6P	GP Knute Sondol	2 3 5	7		
Eckman	2472	Bottineau	12 48 39 101 03	1500	7A	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	8 47 27 101 08	1880	5P	GP Theodore C. Ochsen	2 3 5	7		
Edgely Exp. Farm	2482	La Moure	5 46 20 98 42	1568	8A	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	12 48 50 100 02	2108	6P	GP N.D. State Hospital	2 3 5	7		
Edmore 1 W	2525	Ramsey	8 48 25 98 29	1520	5P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	9 48 56 98 00	1602	WID	David E. Madland	2 3 5	7		
Elgin 5 S	2592	Grant	1 46 21 101 49	2241	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	11 47 50 99 07	1480	WID	Alvin H. Kennedy	2 3 5	7		
Ellendale	2605	Dickey	1 46 21 101 49	2241	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	8 46 01 101 10	2183	7P	GP L. E. Wilson	3	C		
Endersville	2695	Ramsey	11 46 38 97 36	2004	7A	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	7 46 37 103 49	2562	6P	GP G. E. Bury	2 3 5	7		
Epping	2735	Williams	8 48 17 103 21	2224	GP	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	10 47 36 97 54	1617	8P	GP Hugh Lyon	2 3 5	7		
Esmond	2767	Benson	11 48 02 99 46	1650	WID	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	12 49 00 101 38	1847	6P	U.S. Customs Serv.	2 3 5	7		
Fairfield	2809	Billings	7 47 11 103 13	2750	WID	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	1 46 14 101 07	1606	6P	GP James W. Rodenbaugh	3	C		
Fargo Wt Airport	2859	Fargo	4 46 54 98 48	1640	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	8 48 19 102 24	2260	7P	GP Leroy Edwards	2 3 5	7 C		
Fessenden	2949	Walla	5 47 39 99 37	1620	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	5 47 28 99 24	1834	4P	GP Edward Sondak	2 3 5	7		
Flasher	3009	Morton	1 46 27 101 34	1930	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	12 48 20 101 36	2178	6P	GP W. H. Ellingsboe	2 3 5	7		
Flaxton	3019	Burke	12 48 54 102 23	1940	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	8 48 24 102 36	2079	6P	GP L. A. Simon	3	C		
Forbes 13 NW	3044	Dickey	5 46 04 98 56	1988	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	12 48 17 101 02	1770	5P	GP Theo. Roosevelt RHP	2 3 5	7		
Forsyth	3117	Barnett	12 48 06 97 39	1249	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	12 48 50 100 02	2108	6P	GP N.D. State Hospital	2 3 5	7		
Fort Yates	3207	Sioux	8 46 06 100 38	1640	5P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	9 48 56 98 00	1602	WID	David E. Madland	2 3 5	7		
Fortval 7 N	3217	Ward	12 48 27 101 34	1609	5P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	11 47 50 99 07	1480	WID	Alvin H. Kennedy	2 3 5	7		
Fryburg 1 NE	3277	Billings	4 46 53 103 18	2742	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	8 47 27 101 08	1880	5P	GP Theodore C. Ochsen	2 3 5	7		
Fullerton	3287	Dickey	5 46 10 98 25	1439	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	12 48 17 101 02	1770	5P	GP Theo. Roosevelt RHP	2 3 5	7		
Gackle	3309	Logan	5 46 38 99 08	1851	6P	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	12 48 50 100 02	2108	6P	GP N.D. State Hospital	2 3 5	7		
Garrison	3376	McLean	4 47 38 101 25	1911	7A	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	9 48 56 98 00	1602	WID	David E. Madland	2 3 5	7		
Glen Ullin	3496	Morton	4 46 49 101 49	2090	WID	GP Soc Line Agent	2 3 5	7 C	Mott	6155	Stutsman	12 48 50 100 02	2108	6P	GP N.D. State Hospital	2 3 5	7		
Glen Ullin 13 N	3501	Mercer	6 47 00 101																

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

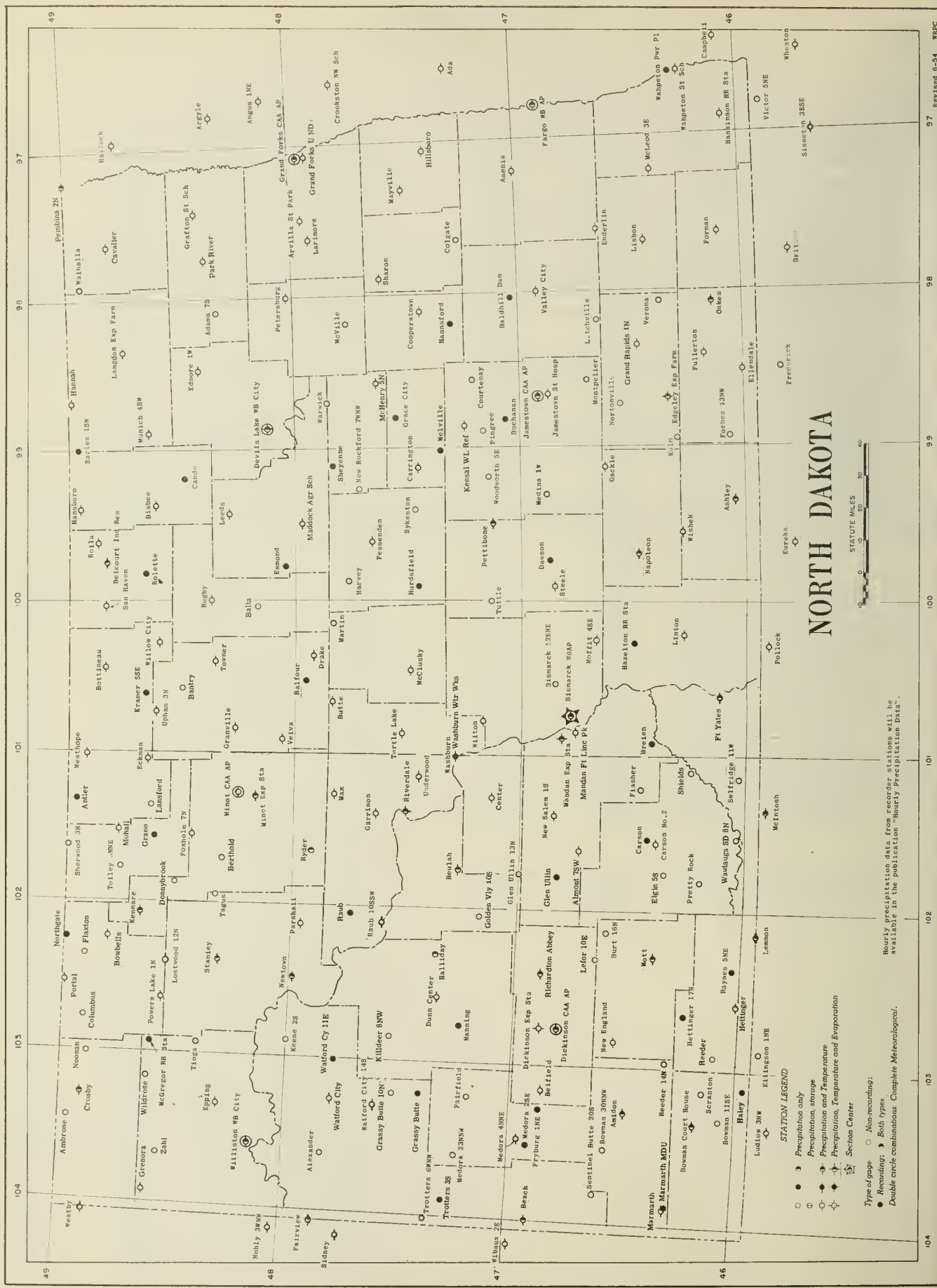
Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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NWRC, Asheville, N. C. -- 6-21-55 -- 880



NORTH DAKOTA



- STATION LEGEND**
- Precipitation only
 - Precipitation, storage
 - Precipitation and Temperature
 - Precipitation, Temperature and Evaporation
 - Section Center
- Type of page**
- Non-recording
 - Recording
 - Both types
 - Double circle combinations Complete Meteorological

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

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CLIMATOLOGICAL DATA

NORTH DAKOTA

MAY 1955

Volume LXIV No. 5



NORTH DAKOTA - MAY 1955

WEATHER SUMMARY

May was mild and windy. The first three weeks were relatively dry. Light rains began on the 22d followed by more generous rains during the next few days. Monthly totals averaged 15% above normal. Small grains looked good at the end of the month and corn planting was underway.

Temperatures averaged 57.5° or 3.6° above normal. The first few days were warm, especially the 1st and 2d when temperatures averaged about 20° warmer than normal. Cool air spread over the State on the 7th bringing temperatures near or slightly below normal. Temperatures were mostly above normal from the 11th to the 21st. Light scattered showers and thunderstorms on the 22d were followed by cooler weather which lasted until the 29th. The last two days were mild. Average monthly temperatures ranged from the low 60's in the southeast to the middle 50's in the west. Temperatures at all stations averaged above normal. Average temperatures for the northwest were, in general, less than two degrees above normal. Temperatures over several southeastern counties averaged more than six degrees above normal. The highest temperatures at many stations occurred on the 1st or 21st. Maximums ranged from near 85° over many northern and northwestern counties to the low 90's over the southeastern half of the State. The warmest was 97° at Underwood on the 21st. The 8th was the coldest day at most stations. Minimum temperatures on that date were lower than 20° over a few eastern counties but did not go below freezing at a number of western stations. The lowest temperature was 14° at Arvilla State Park on the 8th.

Precipitation averaged 2.62 inches or 0.35 inch above normal. Monthly totals exceeded three inches over a large area extending from Dickinson and Linton north-eastward to Grafton and Grand Forks. The greatest amount was 4.42 inches at Linton. The extreme southeast, the extreme southwest, and several counties in the northwest and north central parts received less than two inches. The least amount was 1.12 inches at Scranton. Although small amounts of rain occurred during the first three weeks, the significant amounts fell on and after the 22d. In the Fargo area, the season was the driest spring on record until the rains began on the 23d. Lack of rain had caused considerable concern among the farmers in the west until the general rains came during the latter part of the month.

A significant feature of the May weather was the high average wind speeds. The May 1955 average for Bismarck was 15.2 miles per hour or 20% more than the average for all May wind speeds. Winds at Fargo averaged 16.9 miles per hour. The highest velocity was 67 miles per hour on the 3d which exceeded the previous record wind speed for May set in 1953.

The dry weather during the first part of the month caused considerable damage to rye and greatly retarded pasture growth. Frost on the 8th set the crops back slightly, especially in the southeastern sections. The rains during the latter part of May corrected the dry soil conditions and improved the ranges and pastures but delayed planting of flax, corn, soybeans, potatoes, and sugar beets. At the close of the month the grasses had recovered, small grains looked good, and corn planting was underway. Livestock were in slightly better than average condition.

STORMS

High winds and duststorms from the 3d to the 15th were the worst since the 1930's. The storm on the 3d and 4th was especially severe. Visibility was cut to near zero. The high winds depleted the soil moisture already short in all but the northeast section. Heavy dust with some erosion occurred in the east central, south central, and southeast sections. Damage to crops was estimated at \$100,000 and to property, \$125,000.

Lucius W. Dye

SUPPLEMENTAL DATA

NORTH DAKOTA
MAY 1955

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover
	Prevailing	Percent of time prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
BISMARCK WB AIRPORT	55E	13	15.2	56	W	4	66	74	42	41	5	5	2	2	1	0	15	69	6.5
DEVILS LAKE WB CITY	-	-	11.2	42	SW	3	-	-	-	-	6	4	7	2	0	0	19	51	6.6
FARGO WB AIRPORT	5	17	16.8	67	SE	3	61	72	45	42	7	4	3	2	0	0	16	70	6.4
WILLISTON WB CITY	-	-	9.3	35	SE	8	-	79	52	50	3	5	4	0	0	0	12	56	7.5

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	
1892	46.6	96	13	2.20	3.9	
1893	52.2	97	19	1.61	0.2	
1894	54.6	98	23	1.51	0.0	
1895	54.4	101	15	2.48	0.0	
1896	56.9	103	22	4.98	0.0	
1897	55.4	97	16	0.69	T	
1898	52.7	92	14	1.98	0.0	
1899	50.6	91	16	3.49	0.4	
1900	59.2	106	15	0.69	0.0	
1901	60.0	99	19	0.31	T	
1902	55.9	94	24	3.57	0.4	
1903	54.3	96	11	3.12	T	
1904	54.2	93	20	1.60	T	
1905	50.1	88	10	2.91	4.0	
1906	50.8	99	11	4.91	0.4	
1907	44.0	84	6	1.31	3.1	
1908	50.8	88	9	2.90	0.9	
1909	51.0	98	5	4.46	0.1	
1910	50.7	94	10	1.03	0.1	
1911	55.0	99	6	2.90	T	
1912	54.2	90	16	4.39	0.7	
1913	51.2	100	11	1.71	0.2	
1914	55.2	95	16	2.12	1.0	
1915	51.1	98	15	3.13	0.4	
1916	51.0	95	7	2.10	0.3	

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	
1917	51.2	98	15	0.34	0.1	
1918	51.7	99	6	2.27	0.5	
1919	55.5	101	16	3.11	0.4	
1920	53.9	89	20	1.76	0.1	
1921	53.8	90	21	2.44	T	
1922	56.3	93	24	3.39	0.1	
1923	54.1	100	13	1.77	0.2	
1924	46.9	84	15	0.81	0.0	
1925	53.6	111	10	1.44	T	
1926	58.5	105	10	2.20	0.0	
1927	48.0	87	13	5.68	3.2	
1928	58.2	107	16	1.08	0.0	
1929	49.1	92	8	2.99	0.4	
1930	50.8	98	18	2.62	0.7	
1931	53.1	100	10	1.41	0.3	
1932	55.9	98	25	2.15	2.2	
1933	54.8	98	19	3.15	T	
1934	63.6	111	18	0.36	0.0	
1935	49.5	89	20	2.61	1.5	
1936	61.0	100	20	0.80	T	
1937	56.9	99	19	1.76	T	
1938	52.0	88	18	2.55	0.2	
1939	60.1	104	18	1.55	0.0	
1940	54.9	96	17	1.97	0.1	
1941	58.3	98	21	2.94	T	

Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall	
1942	50.0	87	19	3.03	0.5	
1943	49.9	96	15	2.21	1.0	
1944	58.2	95	11	2.73	0.1	
1945	47.7	84	10	1.54	0.5	
1946	50.6	88	10	1.60	0.6	
1947	49.9	87	13	1.11	T	
1948	55.1	101	22	1.38	0.1	
1949	56.6	93	19	2.34	T	
1950	49.4	95	23	3.44	8.8	
1951	56.6	94	21	1.15	T	
1952	55.3	95	20	0.68	T	
1953	51.8	92	19	4.06	1.5	
1954	50.0	92	10	2.05	0.5	
1955	57.5	97	14	2.62	T	

MA Y

AVGAGES FOR THE PERIOD FROM 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature												Precipitation																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
											Max.		Min.		Total					Max. Depth on Ground	Date	10 or More	50 or More	100 or More																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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CLIMATOLOGICAL DATA

NORTH DAKOTA
MAY 1955

TABLE 2 - CONTINUED

Station		Temperature												Precipitation											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days			
											Max.		Min.						Total	Max. Depth on Ground	Date	In or More	50 or More	100 or More	
											90° or Above	32° or Below	32° or Below	0° or Below											
MC LEO 3 E		77.8	46.9M	62.4M	6.6	94	21	19	8	156	5	0	3	0	1.79	- 1.22	0.69	26	0.0	0		6	1	0	0
MUNICH 4 SW		66.6	42.9	54.8		84	20	24	8	321	0	0	5	0	1.66		0.34	28	T	0		8	0	0	0
OAKES	AM	74.0	48.0	61.0	5.4	92	3	24	8	185	2	0	2	0	2.20	- 0.51	1.03	27	0.0	0		7	1	1	0
PARK RIVER		71.5	45.5	58.5	4.9	91	21+	22	8	233	2	0	2	0	3.17	1.23	0.75	27	0.0	0		7	3	0	0
PEMBINA 2 N		73.1	44.1	58.6	5.4	91	21	21	8	228	3	0	3	0	2.25	0.06	0.63	28	0.0	0		1	0	0	0
PETERSBURG		70.3	44.6	57.5		90	21	23	8	257	1	0	3	0	3.33	0.89	0.85	16	0.0	0		6	4	0	0
SHARON		71.1	45.3	58.2	4.1	90	21	22	8	242	1	0	3	0	4.12	1.38	1.54	26	0.0	0		7	3	1	0
VALLEY CITY		75.3	47.7	61.5	6.9	93	2	22	8	173	2	0	1	0	3.93	1.15	0.91	28	0.0	0		7	4	0	0
WAHPETON STATE SCHOOL		77.8	48.7	63.3	7.0	92	21	22	8	128	5	0	2	0	1.83	- 0.87	0.71	27	0.0	0		5	1		
DIVISION				59.3	5.0										2.84	0.35			T						
MIDDLE DIVISION																									
ASHLEY		72.8	45.3	59.1	4.9	90	21	25	8	214	1	0	3	0	1.97	- 0.43	0.52	27	0.0	0		6	2	0	0
BELCOURT INDIAN RES		65.9M	41.6	53.8M		83	13+	24	8	333	0	0	2	0	2.34		0.55	27	0.0	0		7	1	0	0
BISBEE		67.1	43.9	55.5	2.8	89	20	29	8	302	0	0	1	0	1.88	- 0.27	0.62	27	0.0	0		7	1	0	0
RISMARCK W8 AP	R //	73.4	45.2	59.3	4.5	94	2	29	8	211	2	0	2	0	3.21	1.27	1.26	27	0.0	0		5	3	1	0
BOTTINEAU	AM	66.8	42.6M	54.7M	2.4	86	21	23	8	328	0	0	2	0	1.98	- 0.07	0.33	14	0.1	0		7	1	0	0
BUTTE	AM	69.2M	44.7M	57.0M	2.2	90	3	27	8	267	1	0	0	0	1.71	- 0.77	0.75	28	0.0	0		5	1	0	0
CARSON NO 2	AM	71.8	45.4	58.6	4.1	92	22	30	8	233	1	0	1	0	2.70	0.30	1.26	28	0.0	0		6	2	1	0
CENTER		71.4	41.8	56.6	2.1	92	2	20	8	271	2	0	4	0	2.94	0.67	0.97	28	0.0	0		6	2	0	0
ORAKE	AM	68.0	45.8	56.9	2.2	91	22	30	8	284	1	0	1	0	2.17	0.09	0.93	28	0.0	0		6	1	0	0
ECKMAN	AM	68.9	41.8M	55.4M	2.8	90	14	27	8	312	1	0	2	0	2.49	0.51	0.90	28	0.0	0		8	1	0	0
FESSENDEN		71.3	44.8M	58.1M	4.8	91	2+	23	8	242	2	0	2	0	3.11	0.83	1.18	28	0.0	0		6	2	1	0
FORT YATES		77.1M	46.5M	61.8M	5.1	93	21	29	8	163	2	0	1	0	3.97	1.81	1.32	26	0.0	0		4	3	2	0
FOXHOLM 7 N		70.2	44.2	57.2	3.0	88	13	26	8	254	0	0	2	0	2.29	0.26	0.52	22	0.0	0		8	1	0	0
GARRISON	AM	68.6	44.2	56.4	2.8	90	3	29	8	292	1	0	3	0	2.39	0.06	0.88	28	0.0	0		6	2	0	0
GRANVILLE		69.7	44.6	57.2	4.3	89	2+	29	8	259	0	0	1	0	1.94	- 0.09	0.92	27	0.0	0		5	1	0	0
HANSBORO		66.2M	43.2M	54.7M	3.2	86	20	24	8	328	0	0	3	0	2.08	- 0.02	0.48	27	0.0	0		7	0	0	0
LEEOS		69.1	44.8M	57.0M		90	21	27	8	277	1	0	1	0	2.58		0.75	16	0.0	0		8	3	0	0
LINTON		75.3	45.5	60.4	4.7	95	21	28	5+	192	3	0	3	0	4.42	2.13	1.73	28	0.0	0		5	3	2	0
MADDOCK AGR SCHOOL		71.1	43.8	57.5	3.7	93	21	22	8	260	1	0	1	0	2.57	0.52	0.83	28	0.0	0		7	2	0	0
MANDAN EXP STATION	AM	71.3	46.7	59.0	3.9	92	3	27	8	224	2	0	1	0	3.09	0.83	1.13	28	0.0	0		7	2	1	0
MANDAN FT LINCOLN PARK		75.0	45.1	60.1		94	21	28	8	190	2	0	1	0	3.60		1.41	27	0.0	0		5	3	2	0
MAX	AM	67.5M	44.5	56.0M	1.9	89	3	29	8	304	0	0	1	0	2.54	0.34	1.11	28	0.0	0		7	1	1	0
MC CLUSKY		70.8	46.0M	58.4M	4.4	93	21	34	4	245	2	0	0	0	3.22	0.76	1.00	27	0.0	0		8	2	1	0
MINOT CAA AP		67.1	43.5	55.3	2.2	89	2	27	8	313	0	0	1	0	2.36	0.20	1.02	27	0.0	0		6	1	1	0
MINOT EXP STATION	AM	67.5	44.7	56.1		89	3	33	4	293	0	0	0	0	2.06		0.91	28	0.0	0		6	1	0	0
MOFFIT 4 SE		73.8	44.2	59.0		92	21	29	5	221	3	0	3	0	3.45		1.28	28	0.0	0		6	3	2	0
MOHALL		67.4M	44.1M	55.8M	2.7	86	13+	29	8	295	0	0	0	0	2.46	0.48	0.63	3	0.0	0		7	2	0	0
NAPOLEON		73.6	46.4	60.0	6.8	91	21	27	8	204	2	0	2	0	3.31	0.87	1.30	28	0.0	0		6	3	1	0
NEW SALEM 1 S		73.0M	43.3	58.2M	4.8	91	2+	25	8	237	2	0	1	0	3.32	0.92	1.60	27	0.0	0		6	2	1	0
PETTIBONE		72.1	44.4	58.3	5.1	93	21	25	4+	250	2	0	4	0	3.03	0.77	0.99	28	0.0	0		5	3	0	0
RIVERDALE	AM	68.4	45.3	56.9		89	3+	29	8	272	0	0	2	0	3.81		1.43	16	0.0	0		7	3	2	0
ROLLA		64.6	42.1	53.4	1.4	85	20	24	8	372	0	0	3	0	2.10	- 0.02	0.57	14	0.0	0		7	2	0	0
RUGBY		69.9	44.8	57.4		88	2	28	8	264	0	0	4	0	2.41	0.44	0.60	27	0.0	0		7	2	0	0
SAN HAVEN		65.6	44.3	55.0	2.2	85	20	27	8	319	0	0	2	0	1.61	- 0.26	0.27	18	T	0		7	0	0	0
STEELE		74.5	45.1M	59.8M	5.8	93	2	26	8	216	2	0	2	0	3.82	1.30	1.23	28	0.0	0		5	3	0	0
TOWNER		70.8M	41.2M	56.0M	1.7	90	2	24	8	294	1	0	4	0	1.93	- 0.28	0.87	27	0.0	0		4	1	0	0
TURTLE LAKE		71.9	44.5	58.2	4.3	91	2	27	8	241	2	0	1	0	3.40	1.23	1.42	16	0.0	0		7	2	1	0
UNDERWOOD	AM	70.0	44.3	57.2	0.9	97	22	28	5+	283	2	0	4	0	2.76	0.64	0.89	28	T	0		7	2	0	0
UPHAM 3 N		69.9	44.7	57.3		90	13	30	8	255	1	0	2	0	2.17		0.60	27	T	0		8	1	0	0
VELVA		70.5	45.3	57.9	3.3	89	2	27	8	241	0	0	1	0	2.75	0.57	0.84	27	T	0		7	2	0	0
WASHBURN		73.2	44.6	58.9	3.6	92	2	26	8	219	2	0	2	0	2.23	0.06	1.01	28	0.0	0		5	2	1	0
WESTHOPE		67.1	41.8	54.5	1.4	87	13+	28	8	330	0	0	3	0	2.48	0.60	1.07	22	0.0	0		5	2	1	0
WILLOW CITY		68.0	43.1	55.6	3.4	88	20	26	8	301	0	0	3	0	1.95	0.04	1.02	27	0.0	0		6	1	1	0
WILTON		71.3M	41.8M	56.6M	2.7	93	21	25	8	282	2	0	2	0	3.46	1.07	1.17	27	0.0	0		7	3	1	0
WISHEK		74.1M	43.7M	58.9M	5.7	90	21	25	8	204	1	0	2	0	3.33	0.92	1.32	28	0.0	0		5	3	1	0
DIVISION				57.3	3.5										2.70	0.54			T						
WESTERN DIVISION																									
ALM																									

DAILY PRECIPITATION

NORTH DAKOTA
MAY 1955

Table 3

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADAMS T S	3.36			.02	.01					.20						.11	.82							.12	.65	.33	.35	.75					
ALEXANDER	1.88		T	.10	.02											T	.26	.01						.36	.01	.72	.30	.08	.02				
ALMONT T SW	2.74			.17						.05	.18						.02	.04						.04	.09	.41	T	1.12	.67				
AMBUSE 3 N	2.00			.78	T							T				T	.05	.46						.20	.31	.20		.20					
AMENIA	2.49									.10							.11	T						T	.20	.65	.60	.40	.43				
AMUN	1.73			.10	.07					.10						T	.10	.07						.10	.02	.24	.24	.10	.02	.57			
ARVILLA STATE PARK	3.96							T									.39	.89							.30	.92	.93	.50	.03				
ASHLEY	1.97	.28		.01						.03								T						.18	.10	.50	.52	.31	.04				
HALTA	1.97			.05							T						.18						.03	.12	.12	T	.26	.05	.50	.53	.02		
BANTRY	1.75						T										.15							.12	.11	.07	.10	.25	.26	.69			
BEACH	2.37			.12	.32	.05				.01						.18	T	.33							.16	.48	.37	.25	T	.10			
BELCOURT INDIAN RES	2.34			.29	.01						.13					.47		.06	.18					.26	.18	.03	.26	.01	.55	.09			
BELFIELD	3.31	.02		.24	.05					T	T						.05	.26						.32	.03	.61	.46	.12	.74	.44	.04		
BERTHOLD	3.04		.37	.25													.05	.14	.22					.50	.14	.22	.24	.49	.52				
BEULAH	3.24									.13						.03	1.16	T							T	.15	.22	.25	1.10	.20			
BISBEE	1.88			.18	.05											.17								.17	.14	.29	.02	.62	.24				
BISMARK W8 AP	R//	3.21		.04		T	T			.06	.01				T	T								.16	.01	.01	.37	.66	1.26	.63		T	
BISMARK 12 ENE	3.03			T						.09														T	.60	.27	1.12	.95					
BOTTINEAU	1.98			.05	.21	.02	T			.02	T					.33	T	.09	.03	.03				.04	.24	.01	.20	.14	.28	.29		T	
BOWBELLS	2.38			.55	.13											.15	.05	.03	.13	.10				.04	.47	.48	.08		.14	.03			
BOWMAN COURT HOUSE	1.36			.33						.06							.04	.11						.12	T	.23	.14	T	.06	.27			
BOWMAN 11 SE	1.63			.32	.01					.08							.31	.01	.05	.19				.31	.01	.05	.19	T	.06	.19			
BOWMAN 30 NW	1.63			.12						.12							.24	.15	.55	.20				.24	.15	.55	.20	.29					
BURT 16 N	2.74			.03						.20							.95							.03	.16	.22		.72	.43				
BUTTE	1.71			.05		.01				.11						T	.20							.07	T	.22	.30	.75					
CARRINGTON	3.46			.03		.01				.14							.17	T	.05					.07		.02	.63	.87	1.01	.46			
CARSON MO 2	2.70			.10						.10						T	.01							.07	.03	.19	.19	.72	1.26	.03			
CAVALIER	2.77			T	T	.03	T			.16						.03	.23	.32					T	.06		.17	.27	.47	.81				
CENTER	2.94		.14							.04	.14						.14							.06	.05	.45	.05	.90	.97				
COLGATE	2.51									.08							.23							.01	.65	.27	.50	.41	.34	.02			
COLUMBUS	2.52		.21	.66	.03											.06	.10	.28	.15					.33	.08	.33	.28	.01					
COOPERSTOWN	2.82						T			.13							.07							T	.40	.25	.55	.65	.75	.02			
COURTENAY	2.02									.14							T	.12						T	.12	.30	.35	.42	.64	.05			
CRUSBY	1.96		.12	.49						.02	.14						.02	.07	.18					.35	.01	.40	.25		.04				
DEVILS LAKE W8 CITY	R	3.33		.38	.01	T	.05	T		.03	.11	T			T		.56	.14	T					.02	.10	T	.40	.12	.48	.93			
DICKINSON CAA AP	R//	2.62		.04	.08	T				.10							.10		.02					.14	T	.38	.35	.04	.69	.33		T	
DICKINSON EXP STATION		2.45		.04	.06					.08							.03	.02	.10					.30	.10	.20	.34	.21	.06	.90			
DOONYSOOK	3.47		.39	.77	.20			T	T	T	.08						.29	.33	.29	.12	.19	.29			.29	.33	.29	.12	.19	.29			
DRAKE	2.17			.02						.04							.20							.05	.12	.02	.28	.27	.93	.22			
DUNN CENTER	3.02			.32	.04					.10							.12	.30	.02					.38	.15	.05	.62	.27	.65	.02			
ECKMAN	2.49			.22	.05												T		.26					.25	.27	.23	.21	.10	.90				
EDGELEY EXP FARM	2.58	.08								.05					.01	T	T							.49	.30	.08	.94	.50	.03				
EDWINE 1 W	2.91			.29	T	T	T			.14						T	.81	.02						.05	.26	.14	.33	.87					
ELGIN 5 S	2.51			T						.27						T	.42	T						T	.47	.05	.30	.11	.90	.73		T	
ELLENDALE	2.92	.04	T	T	.01					.27				.01	T		.01	.41						T	.47	.01	.25	.66	.72	.03	.03		
ENDERLIN	4.51			.11	.09					.15							.06		.12						1.40	.34	.26	.01	T	.48	.09		
ERPPING	1.37			.11	.09					.15							.01	T	.02	.26				.18	.07	.34	.26	.01	T	.48		.02	
FAIRFIELD	2.51			T	.22	T		.01		.01							.03	T	.19	.15				.30	T	.68	.31	.03	.43	.16		T	
FARGO W8 AP	R//	1.81	.02	T				T	T	.10				.01			.01		.01					T	.20	T	.12	.63	.66	.06	T		
FESSENDEN	3.11			.02		T	.01			.11							.01	.12	T					.05	.19	.35	.07	.99	1.18	.01			
FLASHER	3.09				.06					.06															.07	.20	.13	.97	1.08	.52			
FLAATON	2.45		.11	.63	.02					.03						.12	.09	.04	.23					.38	.15	.38	.24	T	.03	.03		T	
FORBES 13 NW	2.35	.14	T	T	.03					.03				.27			.11							.03	.38	T	.15	.55	.60	.06			
FORMAN	2.34																.19	.38							T	.28	.74	.75	T				
FORT YATES	3.97									.06														.09		.35	1.32	.99	1.16				
FOXHOLM T N	2.29		.01	.30	.02																												

DAILY PRECIPITATION

NORTH DAKOTA
MAY 1955

Table 3—Continued

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ROCKFORD 7 WNW	2.89		T	T			T			.16							.12	T						.10		.41	.13	.85	1.12				
NEW SALEM 1 S	3.32			.22					T	.13							T							.05	.05	.42	.22	1.00	.63			T	
NEWTOWN	1.66		.05	.08	.01										.01		.06	.05					.28	.03	.52	.12	.01	.24	.22				
NOONAN	3.52		1.10	1.03													.13	.23					.33	.05	.37	.28							
NORTONVILLE	4.01	.12								.09							.15						.16		.53	.70	.83	1.43					
OAKES	2.20	.05								.08									.15					.30		.11	.23	1.03	.22	.03			
PARK RIVER	3.17									.10						.18	.53	.09					.02	.09	.24	.48	.75	.69					
PARSHALL	1.96		.03	.08	.03					.01						.06	.12						.30	.05	.49	.16	.35	.28					
PEMBINA 2 N	2.25									.26						.05	.47						.07	.15	*	.37	.25	.63					
PETERSBURG	3.33						.03										.85	.05				.03		.08	.03	.37	.58	.58	.58				
PETTIBONE	3.03									.11							.08	.07						.07		.69	.33	.84	.99				
PINGREE	2.75									.08							.10						.10		.35	.80	.73	.69	.05				
PORTAL	2.33		.60		.10		T	.03								.14	.13	T	.27			.03	.41	.03	.47	.09							
POWERS LAKE 1 N	2.45	.82	.19		.09	.05									*	*	.64	.40				.35	.24	.23	.08								
PRETTY ROCK	3.30				T				.05	.15												.05	.10	.25	.27	.90	.89			T	T		
RAUB 10 SSW	1.67	.10								T							.08					.20	.37	.17		.75							
REEDER	1.38		.19						.04													.05	.09	.18	T	.24	.59						
REEDER 14 N	2.25		T	.11						.10							.06	.11				.07	.02	.40	.07	.14	.18	.99					
RICHARDSON ABBEY	3.15		T	.01						.19						T	.49	.28				.12	.05	.24	.57	.03	.67	.80					
RIVERDALE	3.81				.06	T				.14					.01		1.43					.01	.10	T	.12	.30	.52	1.12				T	
ROLLA	2.10		.16	T				T	T	.13	T				.57	.01	.03	T			.04	T	.21	.19	T	.20	.02	.49	.09				
ROUZY	2.41		.01					T		.08					T		.14	.17					.19	.07	.04	.05	.30	.60	.50	.30			
RYDER	2.74															.48		.29	.26				*	.29	.26	.28	T	*	1.35				
SAN HAVEN	1.61		.19	.08					T	.07					.12		T	.01	.27				.08	.14	.07	.20	.06	.20	.13				
SCRANTON	1.12		.14							.06							T					.08	T	.16	.17	T	.13	.37			T		
SELFRIEDE 11 W	2.73									.09													T		.02		.40	1.57	.65				
SENTINEL BUTTE 20 S	1.31		T							.15						.15	.27						.29	.51	.28	.10							
SHARON	4.12									.15						.30							.40	.40	1.54	.76	.68						
SHEKWOOD 3 N	2.26		T	.95		T				T				.02	.04	.01	.02		.01			.32	.41	.18	.17	.15							
SHIELDS	2.94			.02						.06							.02						.14	.06	.45	.59	.55	1.03				.02	
STANLEY	1.43		.09	.04														T					.42	T	.40	.24	T	.08	.16				
STEELE	3.82		.02								.17							T					.05	T	.76	.42	1.13	1.23	.04				
SYKESTON	3.48						T	.14									.10	T					.10		.22	.36	1.11	1.45					
TAGUS	2.10	.19	.28	.02											.07	T	.05					.37	.01	.30	.25	.02	.25	.29					
TIOGA	1.94		.50												.10			.10				.25	.35	.35	.24	.05							
TOLLEY	2.54		.46	.05	T					T						.02	.01	T				T	.65		.94	.08	T	.33					
TOWNER	1.93		.08														.06						.10	.04	.31	.06	.87	.41					
TROTTERS & WNW	3.13		1.49	.07											.02		.02	.15				.26	.40	.25	.31	T	T	.16					
TURTLE LAKE	3.40		.11		T					.12							1.42						.05	.12	T	.18	.02	.94	.44				
TUTTLE	2.55		.02		T					.11													.06		.42	.13	.75	1.06					
UNDERWOOD	2.76			.17		.01				.17					T		.74	T					T	.10		.05	.23	.38	.89	.02			
UPHAM 3 N	2.17		.07	T										T	T	.40		.04	.36				.16	.19	.10	.26	.11	.60	.28				
VALLEY CITY	3.93									.16				T			.04	.36					.16	.06	.44	.91							
VELVA	2.75		.01	.01	T	T	.01		T	.02						.72	.10					.05	.13	.08	.03	.22	.16	.84	.38				
VERONA	2.92	.01								.10				T			.29	.01					.40		.25	.58	1.20	.07	.01				
WAMPETON STATE SCHOOL	1.83	.11								.11														.34		.08	.39	.71	.05	.04			
WALHALLA	3.03				T				T	.25						.14	1.01						.12			.24	.18	.54	.55				
WARKWICK	3.66		.15							.19							.78	T								.57	.20	.98	.79				
WASHBURN	2.23		.05													.10						.05		.11	.28	T	1.01	.63					
WATAUGA S DAK B N	3.33		T							T						.70								.11	.07		.45	*	2.00				
WATFORD CITY	2.02		.08	.02														.23					.34		.74	.28	.05	.22	.06				
WATFORD CITY 14 S	1.72		T	.12	.16	T									T	T	T	.11				.13	.06	.53	.26	T	.10	.25				T	
WESTHOPE	2.48		.57	.02	.03										.05	T						1.07		.25	.12	.33	.04						
WILDROSE	1.86		.72	.05												.18	.09					.35		.21	.26								
WILLISTON WB CITY	R// 1.34		.07	.02					.01						.01	.01	.24	T				.29		.46	.23	T	T						
WILLON CITY	1.95		T	.21	T	T	T		T	.05				T			.02	T					.12	.10	.15	.18	.02	1.02	.08				
WILTON	3.46			.08		T								T	.13		.24						.04	.14	.04	.54	.10	1.17	.98				
WISHEK	3.33	.05		.03						.05													.15	T	.58	.47	.61	1.32	.07				
WOODWORTH 5 E	3.23					T				.13							.25						.07		.55	.53	.80	.90					
ZAHL	1.27		.03	.13	.04				.01						T		.07	.20					.25		.30	.24	T	T					

Table 5

DAILY TEMPERATURES

NORTH OAKOTA
MAY 1955

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	85	91	74	64	77	70	57	72	61	70	80	84	87	79	84	79	76	75	82	87	91	70	64	53	48	50	48	62	75	80	75	72.6
	MIN	54	60	40	38	38	40	38	33	41	37	43	46	56	56	59	44	47	43	43	53	48	49	43	43	41	43	44	44	43	48	49	45.3
AMENIA	MAX	79	93	83	63	69	71	59	65	67	71	82	87	87	86	86	70	83	80	88	90	94	90	68	63	58	57	55	54	72	78	80	75.1
	MIN	61	46	62	43	36	46	38	21	47	38	42	48	50	56	52	50	45	54	49	49	57	60	48	40	45	45	49	48	46	52	55	47.7
AMIOON	MAX	80	86	77	48	62	75	61	68	71	66	65	78	79	85	85	84	64	61	71	78	84	90	57	60	47	45	48	53	67	71	84	69.4
	MIN	53	58	44	33	38	51	33	36	36	34	47	49	48	48	49	41	45	38	42	54	49	45	42	41	40	41	43	44	39	47	52	43.9
ARVILLA STATE PARK	MAX	81	90	85	60	70	68	61	63	66	68	76	87	88	83	82	57	81	82	83	90	93	78	62	57	53	54	52	52	73	77	80	72.6
	MIN	54	42	60	41	39	50	35	14	48	38	35	46	39	61	47	43	45	50	51	49	55	51	48	38	46	49	49	48	47	40	58	45.7
ASHLEY	MAX	83	88	78	66	72	69	56	65	64	72	82	81	83	80	85	82	77	77	81	87	90	81	65	61	55	53	51	52	70	76	76	72.8
	MIN	57	53	48	41	32	48	39	25	43	32	42	51	51	56	57	47	47	41	45	48	55	51	46	33	43	45	46	44	42	42	55	45.3
BEACH	MAX	77	86	67	49	60	73	59	57	71	57	67	78	80	87	79	74	54	59	72	79	85	82	55	59	46	47	50	52	60	72	84	67.0
	MIN	51	53	48	34	36	45	34	36	35	35	36	42	54	48	49	43	46	37	40	45	47	44	40	42	40	40	42	39	38	47	49	42.4
BELCOURT INDIAN RES	MAX	79	82	68	50	63	60	59				70	75	83	77	45	48	73	72	81	83	78	63	56	49	48	53	50	60	73	71	76	65.9
	MIN	50	52	44	33	37	42	31	24	40	34	37	46	45	42	39	34	40	43	52	47	53	45	41	34	38	41	43	45	39	43	55	41.6
BELFIELD	MAX	82	86	58	60	74	68	57	74	71	67	78	81	87	81	80	83	66	74	81	86	88	73	58	60	56	49	48	59	70	80		70.5
	MIN	48	48	36	34	31	35	35	31	38	32	33	41	48	50	48	41	45	34	41	41	47	40	40	39	39	39	42	43	41	52		40.4
BEULAH	MAX	80	84	89	63	61	76	61	53	66	58	65	76	80	85	76	75	58	73	71	78	84	87	54	61	48	46	50	47	61	71	76	68.2
	MIN	47	53	53	33	29	35	37	29	35	29	30	33	45	51	57	43	43	49	43	43	49	46	42	42	40	40	43	43	40	43	56	41.6
BISBEE	MAX	80	80	69	52	66	61	52	59	59	64	72	78	86	72	49	49	74	84	83	89	84	71	55	55	50	54	52	59	73	73	77	67.1
	MIN	51	52	49	34	34	48	33	29	42	35	45	48	43	49	41	37	40	48	51	53	52	46	43	35	39	43	45	46	48	46	56	43.9
BISMARCK W8 AP	MAX	86	94	75	64	76	65	56	70	63	69	81	84	86	79	85	83	79	76	83	88	93	72	65	56	52	53	50	54	74	80	78	73.4
	MIN	55	54	40	40	35	45	32	29	36	35	42	47	50	61	50	47	50	43	50	48	52	49	44	38	43	47	47	46	39	50	57	45.2
BOTTINEAU	MAX	80	81	84	69	54	67	59	49	60	57	63	71	77	85	70	53	55	76	74	82	86	80	52	59	50	52	57	53	65	75	75	66.8
	MIN	55	54	40	30	45	32	23	33	30	40	41	51	45	45	43	34	40	48	48	48	55	44	43	36	40	40	45	46	43	49	56	42.6
BOWBELLS	MAX	74	80	78	62	55	69	57	50	58	55	63	72	78	86	52	52	47	74	72	83	84	74	50	61	53	49	55	60	68	75	75	65.2
	MIN	45	55	50	32	32	46	33	29	40	32	46	41	53	44	37	35	36	46	48	50	48	46	47	45	45	37	41	43	40	52	55	42.9
BOWMAN COURT HOUSE	MAX	86	85	58	60	73	72	56	70	68	66	78	80	87	85	85	80	56	70	77	84	82	77	62	59	49	47	48	63	71	85	83	71.0
	MIN	51	55	39	36	36	48	32	34	38	32	40	47	50	52	54	42	47	37	42	46	50	43	43	42	40	40	43	44	38	46	53	43.2
BUTTE	MAX	78	85	90	62	60	71	60		61	60	65	75	80	87	77		53	79	72	81	85	80		60		48	47	54		72	77	69.2
	MIN	50	55	56	35	35	50	35	27		35	44	44	55	51		41	40	43	49	55	50		43	37	41	42	45	45		60		44.7
CARRINGTON	MAX		82	91	66	51	72	58	63	55	54	67	78	82	85	84	74	68	79	81	84	89	92	82	60	57	51	52	50	56	70	74	70.2
	MIN		37	43	38	36	47	31	31		36	46	46	46	49	49	42	43	47	49	51	54	52	45	39	33	43	46	45	41	50	52	43.7
CARSON NO 2	MAX	80	84	89	49	64	77	64	56	73	61	69	81	84	88	80	84	80	76	74	82	89	92	69	65	55	50	49	49	61	73	80	71.8
	MIN	51	55	48	37	37	50	37	30	40	36	40	49	52	58	61	44	50	39	45	52	54	48	35	40	41	43	44	45	42	48	57	45.4
CAVALIER	MAX	82	83	81	60	67	67	56	61	64	67	73	77	87	84	59	54	72	83	81	88	89	82	53	53	57	57	56	60	73	76	81	70.4
	MIN	52	48	60	40	38	48	32	22	45	39	44	48	41	58	43	41	42	48	51	52	53	50	46	40	43	47	48	46	47	48	56	45.9
CENTER	MAX	85	92	75	62	73	63	57	68	61	67	77	80	86	77	79	70	77	71	81	86	91	80	62	60	48	53	50	60	71	78	73	71.4
	MIN	50	52	40	26	30	44	34	20	37	32	36	41	47	52	52	42	47	33	46	43	50	48	43	37	40	44	44	45	41	44	55	41.8
COOPERSTOWN	MAX	80	90	87	57	67	66	61	62	63	67	78	85	86	84	84	66	81	77	83	90	93	91	59	55	53	51	50	50	72	76	79	72.4
	MIN	59	48		32	45		34	21	43	29		51	48	61	54	41	43	48	48	51	51	49	45	33	42	44	46	45	44	43		44.4
CROSBY	MAX	84	70	61	58	70	64	50	63	57	63	72	77	83	69	57	45	74	74	82	82	73	55	60	57	48	58	55	69	73	78	75	66.3
	MIN	43	48	34	32	32	43	33	34	38	34	44	40	55	41	38	35	42	44	48	49	44	44	42	43	41	33	45	45	40	53	53	41.6
DEVILS LAKE W8 CITY	MAX	84	87	72	54	66	62	48	60	60	63	72	79	85	81	68	50	77	72	82	86												

DAILY TEMPERATURES

NORTH OAKOTA
MAY 1955

Table 5-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GRAFTON	MAX	80	85	83	64	67	68	63	62	65	66	75	81	87	87	70	54	73	81	82	90	95	91	62	58	58	58	58	58	76	80	72.5	
	MIN	54	48	63	40	36	50	33	20	41	36	38	48	40	61	45	42	40	50	55	52	55	50	46	38	43	46	47	46	43	55	45.4	
GRAND FORKS CAA AP	MAX	79	90	78	51	68	69	48	62	65	67	76	86	86	85	83	58	80	80	84	91	94	82	53	60	55	52	52	53	72	77	79	71.5
	MIN	57	49	46	41	37	47	26	18	40	35	40	57	43	54	45	43	42	53	51	54	55	50	44	40	46	47	48	47	42	44	56	45.1
GRAND FORKS UNIVERSITY	MAX	77	88	81	60	66	68	59	62	66	68	73	85	87	80	80	58	78	82	83	89	93	83	61	59	54	52	53	53	72	75	79	71.7
	MIN	61	50	60	43	38	54	36	23	46	38	43	52	39	62	49	44	45	55	52	56	55	52	47	42	47	48	49	43	42	45	56	47.7
GRAND RAPIDS 1 N	MAX	84	90	87	63	72	74	64	68	67	74	84	86	85	83	86	83	84	79	87	90	92	90	78	64	65	55	53	52	72	77	82	76.5
	MIN	58	48	58	34	30	45	41	17	47	29	34	45	49	56	55	45	42	47	47	47	52	57	47	34	45	47	48	47	47	40	56	45.0
GRANVILLE	MAX	85	89	74	58	71	65	52	62	60	65	75	81	89	79	60	50	73	74	84	87	86	74	62	59	48	55	54	64	74	77	75	69.7
	MIN	48	54	45	35	33	50	37	29	41	34	44	46	50	50	45	39	42	46	48	52	51	48	44	37	40	45	45	47	48	51	60	44.6
GRENORA	MAX	84	80	60	60	70	69	53	64	61	65	63	78	82	71	50	46	71	74	80	82	74	60	61	59	51	59	57	70	72	78	76	67.1
	MIN	45	48	36	32	32	44	32	32	38	38	39	44	54	42	39	37	43	48	47	52	48	43	40	45	48	40	43	43	42	51	52	42.5
HANKINSON R R STATION	MAX	85	85	95	74	62	70	77	64	67	70	80	85	86	86	83	87	75	84	82	87	92	94	90	71	65	63	60	54	72	78	77.4	
	MIN	59	59	44	38	42	43	26	35	39	39	49	54	50	53	54	43	47	49	54	59	62	53	41	40	49	50	50	46	47	47	47.4	
HANNAH	MAX	79	80	74	48	63	61	52	57	60	63	70	75	85	77	47	50	70	74	80	85	82	68	53	50	51	54	56	60	71	74	78	66.0
	MIN	50	50	47	35	31	47	29	21	41	36	42	46	40	47	39	35	39	43	50	55	51	46	43	31	34	42	45	45	42	48	59	42.2
HANSBORO	MAX	80	82	68	48	66	61	49	58	60	62	71	77	84	73	47	49	72	77	81	86	80	65	54	50	54	50	59	74	72	78	66.2	
	MIN	48	61	45	35	37	47	32	24	42	32	42	46	42	43	40	36	40	48	56	55	50	46	34	39	43	45	46	44	46	52	43.2	
HETTINGER	MAX	87	88	62	62	77	73	58	71	64	68	80	82	86	80	85	72	68	74	78	85	90	67	62	60	48	48	46	57	70	82	71	71.0
	MIN	47	57	41	38	42	46	34	33	39	36	42	48	51	60	61	44	50	38	42	47	48	47	46	42	40	42	43	38	49	57	47.8	
HILLSBORO	MAX	76	89	87	64	68	70	60	63	67	69	81	87	86	85	85	66	81	83	86	90	94	90	72	58	57	52	53	52	72	76	79	74.1
	MIN	60	47	63	42	34	49	37	23	47	35	43	47	46	56	52	45	46	54	50	51	59	60	47	42	45	47	48	48	46	44	57	47.4
JAMESTOWN CAA AP	MAX	87	94	76	62	71	69	54	65	65	70	80	85	85	81	84	76	79	75	83	89	94	79	64	62	51	50	51	52	72	75	80	72.8
	MIN	55	48	42	39	35	45	29	21	38	35	39	45	46	61	49	47	42	49	50	51	53	53	39	32	43	47	47	46	45	43	56	44.2
JAMESTOWN STATE HOSP	MAX	84	93	84	61	74	69	58	66	64	71	81	87	86	83	85	78	82	77	85	92	95	88	68	60	55	50	51	51	70	76	80	74.3
	MIN	60	49	50	40	34	49	39	22	46	32	42	49	48	62	58	48	43	48	50	52	55	48	46	36	44	46	47	46	46	43	57	46.7
KENMARE	MAX	75	82	80	62	55	69	57	50	60	56	65	73	78	86	55	52	50	75	73	83	86	78	51	61	48	48	55	52	67	76	75	65.6
	MIN	42	57	51	32	34	41	34	31	40	37	45	43	49	48	38	37	37	45	50	53	47	45	40	40	41	40	42	45	40	53	57	43.0
KENSAL WILDLIFE REFUGE	MAX	85	90	81	61	71	70		65	67	71	81	86	83	82	83	68	83	75	86	89	93	78	64	58	52	54	51	52	74	75	79	73.6
	MIN	56	50	47	38	33		20	42		34	42	43	40	57	50	44	42	47	50	51	55	59	46	33	49	47	48	46	43	43	57	45.2
LANGOON EXP FARM	MAX	80	82	78	63	63	59	55	57	56	63	70	76	84	82	60	50	68	78	83	85	86	80	53	52	52	53	53	59	74	73	79	67.9
	MIN	50	49	48	35	32	42	29	22	42	33	41	47	42	50	40	36	38	49	48	52	52	42	42	34	40	42	45	44	40	48	52	42.1
LARIMORE	MAX	78	90	81	59	67	68	60	62	65	68	78	85	87	84	78	60	71	80											51	75	73	72.7
	MIN	60			40	37	49	38	18	46	35	38	40	40	50	45	42	44	49	54	54	52	50	47	48	44	47	48	46	40	44	56	44.9
LEEOS	MAX	83	87	77	54	67	62	58	61	61	63	72	79	85	80	60	50	76	71	83	85	90	82	56	56	51	55	53	58	74	75	77	69.1
	MIN	53	53		35	34	49	35	27	44	35	43	50	45	58	45	40	42	48	51	55	53	48	44	34	39	44	45	48	42	49	57	44.8
LINTON	MAX	88	91	78	68	76	71	60	70	68	72	84	88	87	76	89	84	80	76	86	91	95	80	69	64	57	54	52	55	70	79	77	75.3
	MIN	61	59	49	42	28	48	35	30	44	28	35	44	56	61	48	49	53	38	39	45	55	54	47	38	44	46	46	45	42	46	57	45.5
LISBON	MAX	82	91	91	77	69	70	69	65	66	75	81	85	86	85	84	84	83	78	84	88	90	92	86	62	62	57	57	52	69	77	80	76.7
	MIN	63		50	42	31	45	42	19	48	28	34	42	54	54	50	53	43	52	51	51	61	62	50	40	48	50	47	47	46	43	55	46.7
LOSTWOOD 12 N	MAX	82	75	60	55	69	60	46	59	60	62	71	77	84	79			74	71	80	82				47	45	53	51	64	76	75	70	66.4
	MIN	46	53	41	30	29	39	30	26	35	31	42	38	51			33	40	43	46						39	38	36	42	44	49	50	39.7
MADDOCK AGR SCHOOL	MAX	83	87	85	53	70	66	64	62	61	66	75	81	87	83	75	53	78	71	84	87	93	87	59	57	50	56	52	55	75	75	74	71.1
	MIN	54	51	49	37	33																											

Table 5-Continued

DAILY TEMPERATURES

NORTH OAKOTA
MAY 1955

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW SALEM 1 S	MAX MIN	85 55	91 54	70 38	64 35	76 36	65 50	58 35	60 25	60 40	68 36	80 38	83 47	87 47	79 52	83 51	78 43	73 43	73 38	83 48	88 50	91 58	78 47	68 43	57 37	49 40	51 44		42	72 40	70 43	78 46	73.0 43.3
NEWTOWN	MAX MIN	84 50	82 55	70 41	62 32	75 68	68 50	56 34	65 29	65 39	75 35	80 42	87 46	85 54	64 51	52 43	77 38	72 43	72 44	82 47	85 46	85 53	75 62	65 48	61 41	48 41	53 40	53 45	68 41	73 46	78 47	78 58	70.6 43.5
OAKES	MAX MIN	82 61	83 51	92 60	72 43	64 35	69 50	72 40	56 24	66 43	65 28	73 42	82 51	83 54	83 57	82 58	84 52	82 43	83 50	77 50	85 55	88 55	90 62	87 48	63 38	62 41	57 49	55 49	52 48	60 43	70 47	76 59	74.0 48.0
PARK RIVER	MAX MIN	80 54	85 45	85 60	62 39	67 38	69 45	63 32	62 22	64 46	66 38	75 40	80 47	86 41	85 58	67 42	71 42	78 52	81 42	88 59	91 56	91 56	91 38	57 46	55 40	54 43	57 47	64 48	48 46	73 47	75 47	79 54	71.5 45.5
PARSHALL	MAX MIN	84 48	85 54	69 41	61 33	74 30	70 50	55 35	66 23	67 41	64 35	75 42	79 48	87 54	84 51	63 44	59 39	72 42	72 41	82 43	84 44	86 51	70 46	60 40	60 41	47 41	54 43	52 45	65 46	72 49	78 48	78 59	70.1 43.5
PEMBINA 2 N	MAX MIN	82 59	84 48	84 68	74 40	66 31	67 49	67 31	60 21	60 43	64 35	73 39	73 50	85 40	85 45	69 45	69 40	73 39	81 47	90 48	91 50	91 52	90 45	70 45	57 39	60 42	60 40	57 46	63 45	75 40	77 46	78 55	73.1 44.1
PETERSBURG	MAX MIN	79 55	86 49	85 55	59 49	65 33	64 47	60 31	62 23	62 42	66 31	76 42	82 47	84 45	81 60	78 43	56 40	76 41	75 49	80 51	86 55	90 54	86 47	60 45	54 35	50 41	54 45	49 41	52 46	72 42	73 46	77 54	70.3 44.6
PETTIBONE	MAX MIN	81 57	89 57	83 48	60 25	70 31	65 39	64 34	63 25	62 40	65 31	77 41	84 49	83 50	81 60	83 53	73 46	78 42	73 43	81 47	91 51	93 57	88 48	66 45	58 36	53 41	50 45	54 46	60 46	69 40	74 46	75 56	72.1 44.4
PORTAL	MAX MIN	71 46	80 54	71 48	62 33	56 32	69 44	55 32	49 31	58 38	50 33	63 42	71 47	78 53	84 42	53 37	47 35	54 36	75 47	71 47	82 52	82 46	70 44	50 40	61 41	47 42	49 37	58 44	60 45	67 41	74 53	76 54	64.3 42.4
POWERS LAKE 1 N	MAX MIN	86 40	80 60	63 35	57 31	67 31	60 45	63 31		57 31				85 54				74 39	72 45	81 41	83 42	77 43	50 45	62 38	55 40	57 38	54 40	55 38	66 45	73 38	78 50	79 55	68.0 42.2
RAUB 10 SSW	MAX MIN	85 50	86 58	63 36	63 36	77 46	73 46	53 35	69 31	66 41	66 40	77 45	81 50	89 56	85 51		52 43		73 44	83 55	89 55	56 46	62 45	55 45	47 42	54 44	49 45	65 46	74 46	80 52	73 60	69.5 45.5	
RICHAROTON ABBEY	MAX MIN	89 52	89 57	82 40	62 34	77 37	72 48	55 36	70 30	68 39	67 36	79 42	82 49	88 49	87 53	82 57	71 45	70 45	72 38	80 53	87 49	90 55	80 45	62 42	58 41	45 39	49 42	49 43	63 43	72 42	80 48	78 57	72.7 44.4
RIVEROALE	MAX MIN	80 49	84 56	89 56	58 37	59 32	73 51	60 37	52 29	64 39	58 37	65 40	74 46	80 49	85 53	76 57	76 41	57 43	76 44	71 52	81 53	85 52	89 47	56 43	63 40	48 41	47 42	54 45	49 45	62 46	72 48	78 53	68.4 45.3
ROLLA	MAX MIN	79 52	81 57	72 40	49 35	65 35	60 42	48 30	58 24	57 41	63 31	69 42	76 45	83 43	76 41	45 38	48 34	73 39	73 47	82 60	85 53	78 48	50 44	56 40	52 33	48 38	52 40	50 43	58 44	71 45	71 47	76 54	64.6 42.1
RUGBY	MAX MIN	84 54	88 55	86 47	55 32	68 33	66 51	59 31	60 28	59 31	65 36	73 46	81 51	86 49	85 55	60 45	49 38	76 44	74 48	81 50	87 49	87 57	79 48	58 45	57 38	49 40	55 44	58 45	59 47	72 42	75 51	76 58	69.9 44.8
SAN HAVEN	MAX MIN	79 53	76 53	76 45	49 33	64 38	60 47	53 32	58 27	57 41	62 33	71 45	76 52	83 51	78 45	45 40	47 36	74 43	72 48	83 57	85 54	82 55	62 46	57 42	53 35	49 40	53 42	50 44	60 45	74 45	72 51	75 55	65.6 44.3
SHARON	MAX MIN	88 56	88 47	82 55	56 46	65 32	67 47	57 35	60 24	63 44	68 32	73 43	83 48	84 44	81 61	80 44	61 41	80 43	78 50	83 49	86 55	90 55	85 48	60 46	55 34	51 42	50 45	60 47	49 45	70 45	71 53	77 53	71.1 45.3
STANLEY	MAX MIN	83 47	80 56	60 36	57 31	70 30	58 45	49 30	62 28	58 37	63 33	75 44	79 42	87 52	68 44	57 40	48 35	64 42	73 45	81 45	84 46	74 48	52 60	60 38	48 37	47 39	51 44	50 45	66 45	74 49	75 49	71 50	65.3 41.6
STEELE	MAX MIN	85 55	93 53	87 63	71 35	72 38	61 47	66 38	65 26	68 40	79 32	85 42	85 48	85 52	82 60	86 59	82 47	79 45	80 42	83 47	88 50	91 57	87 49	71 41	61 33	56 46	52 44	50 45	53 49	72 42	78 45	77 57	74.5 45.1
TOWNER	MAX MIN	85 46	90 49	88 49	64 32	70 28	59 34	57 34	61 24	58 32	65 35	74 48	80 49	87 48	73 49	62 41	50 37	78 48	85 41	81 45	88 54	89 55	72 45		61 34	51 33	55 42	54 43	59 42	75 41	78 45	75 53	70.8 41.2
TURTLE LAKE	MAX MIN	85 55	91 56	86 41	61 34	71 33	65 47	58 36	63 27	64 39	67 36	77 38	82 47	85 50	81 57	77 56	60 40	76 44	73 44	82 48	85 54	90 53	84 46	62 43	60 38	49 40	53 43	52 44	59 44	74 45	77 48	79 57	71.9 44.5
UNDERWOOD	MAX MIN	80 54	84 56	90 56	59 30	61 28	72 48	62 36	61 34	64 28	66 38	77 47	77 49	80 51	86 56	78 49	79 31	59 44	77 42	79 48	90 56	91 52	82 47	86 42	86 38	97 40	56 42	86 38	50 44	61 44	74 46	80 57	70.0 44.3
UPHAM 3 N	MAX MIN	81 53	82 54	78 49	57 35	72 33	67 49	58 39	62 30	62 42	68 32	75 44	82 49	90 50	79 47	59 45	50 39	75 45	75 45	86 39	88 47	84 52	76 48	61 43	60 39	48 42	55 45	54 48	62 41	74 48	75 47	72 66	69.9 44.7
VALLEY CITY	MAX MIN	80 61	93 52	87 59	61 43	72 35	72 50	68 40	65 22	67 47	73 34	84 41	86 51	85 48	85 54	84 53	84 49	82 43	76 52	85 53	88 58	92 58	88 63	75 48	60 38	57 45	52 48	51 48	52 47	72 46	77 43	80 54	75.3 47.7
VELVA	MAX MIN	85 48	89 55	83 48	60 37	71 35	68 51	58 36	61 21	65 47	65 38	75 45	80 47	87 50	85 51	74 42	51 40	75 45	73 42	82 49	85 52	84 51	72 47	60 49	59 45	46 40	55 45	53 45	62 47	73 42	77 44	77 61	70.5 45.3
WAMPETON STATE SCHOOL	MAX MIN	84 58	91 49	90 64	65 35	72 49	76 55	71 43	63 22	70 47	76 31	83 43	86 50	85 54	84 54	85 52	82 45	82 51	84 51	89 48	90 50	92 62	90 61	82 50	68 43	55 45	61 50	55 45	60 43	73 46	77 46	80 57	77.8 48.7
WASHBURN	MAX MIN	82 54	92 55	81 43	63 35	72 32	68 51	60 37	67 26	65 49	68 36	78 38	82 45	86 48	81 55	78 58	67 46	77 41	74 41	83 48	89 48	91 51	89 47	64 42	63 38	49 41	54 42	54 44	65 45	74 42	78 48	76 57	73.2 44.6
WATFORD CITY	MAX MIN	86 47	80 54	65 48	62 33	76 37	64 48	56 36	72 36	59 38	66 38	78 48	81 49	89 58	74 49	67 44	51 41	74 45	73 48	82 48	87 49	82 48	58 47	64 41	58 41	49 41	56 48	52 48	68 46	73 43	81 54	73 56	69.5 44.6
WATFORD CITY 14 S	MAX MIN	87 48																															

Table 6

EVAPORATION AND WIND

NORTH DAKOTA
MAY 1955

Station		Day of month																															Total or Avg.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
DEVILS LAKE WB CITY	EVAP WIND	.20 30	.28 70	.31 124	.13 228	.16 81	.25 116	.24 179	.18 61	.25 128	.26 80	.15 23	.33 47	.28 64	.27 78	.14 63	.10 107	.11 68	.21 38	.21 36	.24 34	.30 43	.26 72	.09 65	*	*	.10 24	- 39	- 55	- 60	.09 34	.21 31	.23 76	5.968 2179
EDGELEY EXP FARM	EVAP WIND	* 71	.43 53	.47 155	.42 327	.32 180	.29 96	.33 134	.34 112	.33 22	.27 176	.33 82	.34 90	.24 65	.49 75	.35 154	.34 136	.41 136	.12 31	.31 66	.32 45	.35 38	.49 94	.30 81	.27 115	.14 97	.03 121	- 177	.05 67	.07 176	.24 66	.15 111	8.828 3502	
MANDAN EXP STATION (A)	EVAP WIND	.15 103	.17 105	.32 195	.26 373	.22 202	.18 127	.34 274	.20 185	.24 274	.23 151	.20 96	.19 66	.19 70	.40 229	.25 196	.25 238	.24 197	.19 113	.20 89	.22 66	.18 55	.22 175	.41 171	.21 122	.18 148	.10 123	*	*	.08 194	.11 196	.17 185	6.08 5034	
RIVERDALE	EVAP WIND	.32 97	.32 120	.32 195	.11 374	.28 163	.25 113	.41 232	.22 157	.31 260	.24 137	.27 46	.23 66	.30 77	.27 178	.16 24	.19 298	.26 173	.27 128	.19 63	.24 24	.36 93	.31 20	.19 -	- -	.10 -	.06 -	.12 -	.11 -	.07 -	.12 -	.22 -	.46 -	7.37 -

(A) PAN 6 FEET IN DIAMETER, 24 INCHES DEEP, IN GROUND 20 INCHES.

SNOWFALL AND SNOW ON GROUND

Table 7

SNOWFALL AND SNOW ON GROUND

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BOTTINEAU	SNOWFALL SN ON GND				T	0.1									T																	
DEVILS LAKE WB CITY	SNOWFALL SN ON GND							T																								
KILLDEER 8 NW	SNOWFALL SN ON GND				T																											
UPHAM 3 N	SNOWFALL SN ON GND													T	T																	

STATION INDEX

NORTH DAKOTA
MAY 1955

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Adams 7 S	0023	Nelson	10 48 20	88 06	-	6P	Myron J. Beta	3			Melville	5833	Footen	5 47 20	99 02	1625	6P	Edgar 9. Stenger	2 3 5	C	
Alexander	0096	McKenzie	13 47 50	103 38	2200	7P	Arthur J. Bauman	2 3 5	7		Minot CAA AP	5968	Narr	12 48 15	101 17	1722	6P	O.S. Civil Aero Adm	2 3 5	7	
Almont 7 S	0136	Worton	4 46 43	103 39	2300	7P	Egan Rasmussen	2 3 5	7		Minot Exp. Station	5993	Narr	12 48 10	101 18	1720	8A	N.C. Agril. Exp. Sta.	2 3 5	7	
Amelia 3 N	0136	Worton	11 3 15	103 38	2300	7P	U.S. Civil Aero Sta.	2 3 5	7		Moffitt 4 SE	6015	Burleigh	8 46 40	100 14	1760	5P	O.S. Fish & N.L. Ser.	2 3 5	7	
Amidon	0196	Cass	11 47 00	97 13	960	5S	Virgil L. Heike	2 3 5	7		Mohall	6025	Renville	12 48 46	101 31	1639	8P	Iver Johnson	2 3 5	7	
Antler	0209	Slope	1 46 29	103 19	2910	8A	Adrian R. Whier	2 3 5	7	C	Montpelier	6105	Stutsman	5 46 42	98 35	1379	6P	Rolf Ranson	3	7	
Arville	0263	Bottineau	12 48 58	100 20	1540	6P	W.D. N. Wegner	2 3 5	7	C	Mott	6155	Bettinger	1 46 23	102 20	2420	5S	Forrest E. Coffing	2 3 5	7	
Arville State Park	0369	Grand Forks	47 02 56	97 30	960	6P	Albert Thoren	2 3 5	7	C	Munich 4 9N	6190	Caveller	2 48 38	98 53	1586	7P	Barold Felder	2 3 5	7	
Ashley	0392	McIntosh	8 46 02	97 25	2025	5S	Soo Line Agent	2 3 5	7	C	Napoleon	6255	Logan	8 46 29	99 45	1855	6P	Red C. Frank	2 3 5	7	
Baldhill Dam	0430	Barnes	11 47 02	98 02	1300	6P	Corps of Engineers	2 3 5	7	C	New England	6315	Bettinger	1 46 33	102 52	2621	6P	Anton Selinger	2 3 5	7	
Belfield	0492	McHenry	12 47 57	100 32	1615	6P	Raymond E. Meller	3	C												
Balta	0500	Pierce	11 48 10	100 02	1350	6P	Anton Schmitz	3	C												
Bastyr	0516	McHenry	12 48 30	100 36	1458	6A	Temple K. Roberts	2 3 5	7	C	New Rockford 7 NW	6355	Eddy	5 47 33	99 16	1550	6P	Richard Steinbach	3	7	
Beach	0590	Golden Valley	7 46 55	104 01	2814	6A	Reinhold Thiele	2 3 5	7	C	New Salem 1 S	6365	Worton	4 46 50	101 25	2163	6P	William F. Gaehe	2 3 5	7	
Belcourt Indian Res.	0626	Rolette	9 48 50	99 45	1960	7P	Turtle Mt. Ind. Ag.	2 3 5	7	C	Noonan	6455	Divide	12 48 53	103 01	1960	6P	George Kostek	2 3 5	7	
Berthold	0639	Stark	4 46 53	100 11	2592	7P	Carl Indergaard	2 3 5	7	C	Northgate	6535	Burke	12 49 00	102 16	1850	6P	U.S. Customs Sta.	2 3 5	7	
Berthold	0729	Ward	12 48 19	104 14	2080	6P	Joseph S. Coa	2 3 5	7	C	Northville	6565	La Moure	5 46 33	98 44	1508	8A	Berry L. Erickson	3	7	
Bismarck	0766	Worcester	4 47 16	101 47	1780	6A	Mont. Oak. Util. Co.	2 3 5	7	C	Osage	6620	Kidder	5 46 08	98 05	1330	8A	E. Carrie Murray	2 3 5	7	
Bismarck WB Airport	0819	Burleigh	2 48 37	99 22	1800	6P	Robert J. Krick	2 3 5	7	C	Park River	6657	Walsh	8 47 59	102 29	1905	6P	Evin A. Ventch	2 3 5	7	
Bismarck 2 ENE	0827	Burleigh	8 46 51	100 33	1709	6P	O.S. Weather Bureau	2 3 5	7	C	Parshall	6667	Mountrail	8 47 57	102 08	1929	6P	C. E. Shubert	2 3 5	7	
Bottineau	0941	Bottineau	12 48 50	100 27	1640	8A	U.S. Weather Bureau	2 3 5	7	C	Pembina 2 N	6847	Pembina	10 49 00	97 18	1900	6P	U.S. Customs & Imm.	2 3 5	7	
Bottle	0961	Burke	3 46 11	103 23	2980	5P	O. B. Book	2 3 5	7	C	Petersburg	7027	Nelson	10 48 01	98 94	1524	5P	Rev. Odom Monson	2 3 5	7	
Bowman Court House	0995	Bowman	3 46 11	103 23	2980	5P	O. B. Book	2 3 5	7	C	Pettibone	7047	Kidder	8 47 07	99 31	1853	6P	Arthur J. Ockay	2 3 5	7	
Bowman 11 SE	0998	Bowman	3 46 04	103 19	2610	6P	Bernard L. Omgala	2 3 5	7	C	Pewee Lake 1 N	7201	Burke	12 49 00	102 33	1954	9A	O. S. Customs Serv.	2 3 5	7	
Bowman 30 NW	1001	Slope	7 46 53	103 31	2505	3P	John B. Ranson	3	C												
Breien	1001	Slope	7 46 53	103 31	2505	3P	John B. Ranson	3	C												
Buchanan	1124	Stutsman	5 47 04	98 48	1572	6P	W.D. N. Wegner	2 3 5	7	C	Pretty Rock	7311	Grant	4 46 11	101 51	-	6P	Alvin Leer	3	7	
Buckhorn	1216	Bettinger	1 46 36	102 08	2344	6P	James H. Hendrickson	2 3 5	7	C	Raub 10 SSW	7405	McLean	8 47 36	102 06	1958	6P	Lyle P. Altan	2 3 5	7	
Burleigh	1225	McLean	12 47 50	100 40	1890	8A	James H. Hendrickson	2 3 5	7	C	Reeder	7408	McLean	3 46 06	102 57	2810	6P	Lyle P. Altan	2 3 5	7	
Cando	1288	Towner	2 48 29	99 12	1481	7A	Harry E. Harris	2 3 5	7	C	Reeder 14 N	7452	Slope	1 46 19	102 57	2860	6P	Chas. M. Metzger	2 3 5	7	
Center	1360	Fonten	9 47 27	99 08	1770	7A	Frank E. Putter	2 3 5	7	C	Richardson Abbey	7530	Stark	4 46 53	102 19	2470	5P	Assumption Abbey	2 3 5	7	
Carson	1365	Grant	4 46 25	101 34	2300	6A	W.D. Vincent	2 3 5	7	C	Riverdale	7545	McLean	8 47 30	101 21	1910	8A	Corps of Engineers	2 3 5	7	
Carson No. 2	1370	Grant	4 46 25	101 34	2310	6A	W.D. Vincent	2 3 5	7	C	Rolla	7655	Rolette	12 48 40	99 50	1625	6P	George F. Gehres	2 3 5	7	
Cavalier	1420	Pembina	9 48 46	97 36	1800	7A	W.D. Vincent	2 3 5	7	C	Rolette	7664	Rolette	8 48 52	99 37	1819	7P	Theo. B. Engelund	2 3 5	7	
Center	1456	Oliver	8 47 07	101 18	2100	7P	Fred L. Reina	2 3 5	7	C	Rugby	7704	Pierce	12 48 25	102 00	1560	6P	Frank Bornstein	2 3 5	7	
Center	1686	Steele	8 47 38	97 38	1800	7A	John R. Burdick	2 3 5	7	C	Ryder	7749	Ward	8 47 55	101 40	2108	6P	S. C. Schellenbaum	2 3 5	7	
Columbus	1696	Burke	12 48 54	102 47	1430	5P	J. D. Sundell	2 3 5	7	C	Sao Ravel	7824	Rolette	9 48 56	103 09	1902	6P	N.D. State Hospital	2 3 5	7	
Cornwall	1766	Griggs	1 47 26	98 07	1928	6P	Olaf M. Marson	2 3 5	7	C	Scarles 1 SW	7844	Caveller	9 48 56	103 09	2776	6P	David E. Madland	2 3 5	7	
Courtesy	1815	Stutsman	5 47 38	98 34	1523	5P	O. B. Banawalt	2 3 5	7	C	Seelfridge 11 W	7852	Bowman	8 46 01	101 10	2153	6P	Frank Tim	2 3 5	7	
Crosby	1871	Divide	12 48 54	103 18	1954	6P	Vernon W. Nichols	2 3 5	7	C	Sentinel Butte 20 S	7976	Golden Valley	7 46 37	103 49	2662	7P	G. E. Bury	2 3 5	7	
Dawson	2018	Kidder	8 46 52	99 45	1730	6P	Ralph W. Wise	2 3 5	7	C	Sharon	7986	Steele	10 47 35	97 57	1516	8P	Burg Lyon	2 3 5	7	
Devils Lake WB City	2158	Stark	2 48 07	98 52	1471	6P	U.S. Weather Bureau	2 3 5	7	C	Shelburne 3 S	8047	Renville	12 49 00	103 18	1647	6P	U.S. Customs Serv.	2 3 5	7	
Dickinson CAA AP	2188	Stark	4 46 47	102 48	2310	6P	U.S. Civil Aero Adm.	2 3 5	7	C	Shelburne 3 S	8057	Eddy	11 47 50	99 07	1460	6P	Alvin H. Kennedy	2 3 5	7	
Dickinson Exp. Station	2188	Stark	4 46 47	102 48	2310	6P	U.S. Civil Aero Adm.	2 3 5	7	C	Shelburne 3 S	8065	Grant	1 46 14	101 07	1806	6P	James W. Rodenbaugh	2 3 5	7	
Dismal	2242	Ward	12 48 31	101 53	1760	6P	Fred E. Feldner	2 3 5	7	C	Stanley	8276	Mountrail	8 48 19	102 24	2280	7P	LeRoy Edwards	2 3 5	7	
Drake	2298	McHenry	12 47 55	100 22	1634	8A	Ed. J. Evans	2 3 5	7	C	Steele	8366	Kidder	8 46 51	99 55	1857	6P	Pete Ozone Press	2 3 5	7	
Dunn Center	2363	Dunn	12 47 21	102 37	2191	6A	Charles C. Neustel	2 3 5	7	C	Sydney	8608	Wells	5 46 28	99 24	1634	4P	Edward Sondag	2 3 5	7	
Eckman 4 SE	2428	Bottineau	12 48 28	97 36	1920	7A	John H. Garschke	2 3 5	7	C	Taiga	8617	Barnes	9 48 55	97 55	950	6P	Felix A. Gantagay	2 3 5	7	
Edeley Exp. Farm	2482	La Moure	5 46 20	98 42	1568	8A	N.D. Agril. Exp. Sta.	2 3 5	7	C	Tioga	8737	Williams	8 48 24	102 56	2279	6P	L. A. Simon	2 3 5	7	
Eldora 1 W	2525	Ramsey	2 48 25	98 29	1520	5P	Mike Davis	2 3 5	7	C	Tolley 5 WNE	8764	Renville	12 48 47	101 47	1603	7P	CLOSED	8/11/54		
Elgin 5 S	2592	Grant	1 46 21	101 49	2241	6P	Art A. Elinger	2 3 5	7	C	Towner	8792	McHenry	12 48 21	100 24	1482	7P	August B. Rieder	2 3 5	7	
Ellendale	2605	Oliver	5 46 00	98 31	1460	8P	Paul Gress	2 3 5	7	C	Trotters 6 NW	8807	McKenzie	13 47 21	104 01	2420	5P	Walter Gruenwald	2 3 5	7	
Endreli	2695	Ramsey	11 46 38	97 36	1920	7A	Leonard Peterson	2 3 5	7	C	Trotters 6 NW	8812	Golden Valley	13 47 17	103 54	2420	6P	John O. Moller	2 3 5	7	
Epping	2735	Williams	8 48 17	103 21	2224	6P	E. F. Carpenter	2 3 5	7	C	Turtle Lake	8840	McLean	8 47 31	103 53	1899	6P	Knut Gondro	2 3 5	7	
Esmond	2767	Benson	11 48 02	99 46	1650	6P	Lyle O. Fering	2 3 5	7	C	Tuttle	8850	Kidder	8 47 08	100 00	1880	5P	Theodore C. Ochser	2 3 5	7	
Fairfield	2809	Billings	7 47 11	103 13	2750	6P	John Petryszak	2 3 5	7	C	Underwood	8872	McLean	8 47 27	101 08	2026	7A	Clarence W. Johnson	2 3 5	7	
Fargo WB Airport	2858	Cass	10 46 54	96 48	895	6P	U.S. Weather Bureau	2 3 5	7	C	Uphus 3 N	8913	McHenry	12 48 37	104 04	1425	5P	U.S. Wildlife Ref.	2 3 5	7	
Fishers	2949	Wells	5 47 29	99 37	1930	6P	Ed. J. Evans	2 3 5	7	C	Valley City	8917	Barnes	9 48 55	97 55	950	6P	Miss I. C. Robertson	2 3 5	7	
Flaxton	3019	Burke	12 48 54	102 23	1940	6P	Palmer M. Dunham	2 3 5	7	C	Velva	8990	McHenry	12 48 03	100 55	1511	6P	Oscar Anderson	2 3 5	7	
Forbes 13 NW	3064	Oliver	5 46 04	98 56	1980	6P	Theodore A. Birch	2 3 5	7	C	Verona	9035	La Moure	5 46 22	98 05	1382	6P	Warren O. Tang	2 3 5	7	
Fort Yates	3207	Stark	12 48 17	103 39	1450	5P	G. L. Peterson	2 3 5	7	C	Wapeton Power Plant	9095	Richardson	10 47 16	96 36	962	5P	Mid. Victor Burton	2 3 5	7	
Fort Yates	3207	Stark	12 48 17	103 39	1450	5P	G. L. Peterson	2 3 5	7	C	Napeton State School	9100	Richardson	10 46 16	96 36	962	5P	Ed. Sch. of Science	2 3 5	7	
Fort Yates	3207	Stark	12 48 17	103 39	1450	5P	G. L. Peterson	2 3 5	7	C	Warwick	9185	Benson	11 47 51	98 42	1475	6P	Virgil B. Johnson	2 3 5	7	
Fryburg 1 NE	3227	Billings	4 46 53	103 18	2742	6P	Elmer Stubliker	2 3 5	7	C	Washburn	9195	McLean	8 47 17	101 02	1770	5P	Judy Horlue	2 3 5	7	
Fullerton	3287	Oliver	5 46 10	98 55	1439	6P	F. D. Allen	2 3 5	7	C	Washburn Water Works	9219	Grant	1 46 02	101 34	2074	6P	Washburn Water Wks	2 3 5	7	
Gackle	3309	Logan	8 48 28	99 08	1951	6P	Alvin Rasmussen	2 3 5	7	C	Watauga, S										

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

+ And also on a later date or dates.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

T Trace, an amount too small to measure.

V Includes total for previous month.

SS This entry in time of observation column in Station Index means observation made near sunset.

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U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

THE LIBRARY OF THE

SEP 1 1955

JUNE 1955

Volume LXIV No. 6



WEATHER SUMMARY

June was a very pleasant month. Temperatures averaged 1.0 degree below normal. Light showers occurred on many days. Heavier showers were scattered and infrequent. Crop development was ahead of normal and crop prospects were favorable. Pasture conditions were good to excellent.

The first few days of June were seasonably warm. The period from the 6th to 13th was cooler than normal and almost all stations registered their coolest temperatures during this period. Minimum temperatures for the month were mostly in the upper 30's over the western half of the State and in the low 40's over the 8th. Warmer weather prevailed from the 14th to 19th and daily mean temperatures were below normal from the 20th to 25th. The last few days were warm. Most stations registered their highest temperatures during the last few days. The warmest was 93 degrees at Watford City on the 29th. Mean monthly temperatures were mostly in the low 60's. The State average was 62.1 degrees. Monthly mean temperatures for individual stations ranged from 58.5 degrees at Lostwood 12 N to 66.1 degrees at Wahpeton State School.

Showers were frequent especially during the first 10 days of the month and during the last week. Amounts were generally light although a few stations recorded 24-hour falls exceeding 2.00 inches. These occurred on the 2d, 4th, 26th, and 27th. The greatest daily amount was 4.40 inches at Amidon during the 24-hour period ending at 8:00 a.m. of the 27th. In general, monthly totals were less than 2.00 inches over the northwestern and north central parts and over a few counties in the extreme southeast. Elsewhere, most stations reported amounts exceeding 2.00 inches. Many counties in the southwest, south central, central, and northeast received over 4.00 inches. The State average was 3.27 inches or 0.24 inch below normal. Monthly totals for individual stations ranged from 1.15 inches at Ambrose to 6.34 inches at Amidon. Precipitation was below normal over most counties in the northwest half of the State and over a few counties in the extreme southeast and above normal over most other counties. Light hail occurred at several stations.

All crops made good progress during June. Stands and color were good. At the end of the month 75% of the early grain in the south was headed and heading had begun in the north. The wheat was in very good condition. The humid weather promoted the spread of stem rust but the damage from the fungus was not serious. The farmers had begun corn cultivating. More warm weather was needed for corn. The weather was ideal for haying and summer fallowing. Range and pasture feeds improved during June and were in very good condition. The first cutting of alfalfa was in the stack in the southern counties and alfalfa haying was progressing in the north. Livestock were in better than average condition.

Lucius W. Dye

STORMS

About the average number of hailstorms were reported during June and there were less than the average number of windstorms. The most destructive hailstorm to hit the Glen Ullin-Shields area in western Morton and eastern Grant Counties occurred in the late afternoon on June 21st. Losses were heavy in its path of a mile to 10 miles wide and about 75 miles long. For hours after the storm had passed, hail was piled up in drifts. Accompanying the hail were severe winds and in some instances between three and four inches of rain. Several buildings were severely damaged and crops were flattened. There were more than the average number of tornadoes reported. The first tornado occurred on June 3rd, five miles northwest of Willow City, Bottineau County. It missed the farm buildings so there was no damage. Some grain fields were flattened but they recovered and little or no loss to crops resulted. On June 5th several tornado funnels were sighted near Valley City. On June 29th a funnel cloud touched the ground briefly near Buford, Williams County, but there was no damage. On June 30th two tornadoes were reported; one south of Fargo in Cass County and the other near Manvel in Grand Forks County. Damage was limited to field crops and a few barns. A heavy rainfall occurred in southwestern North Dakota on June 26th. One to five inches of rain fell at several stations. Fields were flooded and several small bridges were washed away. At the Lutheran Badlands Bible Camp 72 children were forced to leave hurriedly when water flooded the cabins. There were no casualties but the campers lost much of their personal property. Damage from flash floods and hail occurred south of Belfield, Stark County. At Amidon, Slope County, 4.40 inches of precipitation fell in about three hours and hailstones the size of golf balls were reported.

F. J. Bavendick

SUPPLEMENTAL DATA

NORTH DAKOTA
JUNE 1955

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
BISMARCK WB AIRPORT	WNW	11	11.4	39	SW	16	82	86	56	58	6	5	8	1	1	0	21	64	6.1
DEVILS LAKE WB CITY	-	-	7.9	30	SW	30	-	-	-	-	7	5	6	2	0	0	20	55	5.7
FARGO WB AIRPORT	S	14	14.1	49	W	19	81	85	56	56	4	3	7	1	0	0	15	63	5.8
WILLISTON WB CITY	-	-	7.4	22	NW	8	-	81	56	48	5	5	3	1	1	0	15	62	6.5

COMPARATIVE DATA

JUNE

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall	
1892	60.5	94	28	3.35	0.0	1917	59.7	103	19	2.07	0.0	1942	60.1	90	27	3.12	0.0	
1893	67.4	103	33	3.38	0.0	1918	63.3	102	27	1.58	0.0	1943	60.4	102	28	5.07	1.3	
1894	68.8	103	25	3.44	0.0	1919	67.2	108	22	2.21	0.0	1944	61.7	93	30	6.43	T	
1895	59.7	97	29	4.67	0.0	1920	62.2	98	26	3.53	0.0	1945	57.5	99	28	2.48	0.0	
1896	65.6	97	37	4.02	0.0	1921	68.2	108	30	3.62	0.0	1946	63.2	100	26	3.06	0.0	
1897	61.7	109	20	3.75	0.0	1922	63.5	108	30	3.79	0.0	1947	59.6	90	24	5.81	T	
1898	62.6	105	26	3.19	0.0	1923	66.1	100	30	3.94	0.0	1948	62.4	101	30	3.12	0.0	
1899	62.2	105	30	3.81	0.0	1924	58.6	89	26	4.04	0.0	1949	63.7	104	26	2.64	T	
1900	66.9	109	27	1.39	0.0	1925	61.5	98	30	6.00	0.0	1950	62.2	101	25	3.14	T	
1901	61.6	95	22	6.14	0.0	1926	60.7	104	22	2.61	0.0	1951	58.6	93	28	2.89	0.3	
1902	58.0	97	28	3.65	0.0	1927	61.2	99	22	2.82	0.0	1952	64.9	102	30	3.21	T	
1903	62.4	96	27	1.44	0.0	1928	58.2	92	24	4.89	0.0	1953	63.0	98	28	5.45	T	
1904	61.4	100	30	5.56	0.0	1929	61.4	98	21	1.44	0.0	1954	61.4	96	31	4.94	T	
1905	59.7	97	32	4.33	0.0	1930	63.3	96	30	3.09	0.0	1955	62.1	93	33	3.27	T	
1906	62.0	95	32	4.78	0.0	1931	68.4	110	27	2.35	0.0							
1907	61.9	95	25	2.93	0.0	1932	67.0	98	34	3.92	0.0							
1908	60.4	93	27	3.41	0.0	1933	70.7	110	33	1.77	0.0							
1909	62.9	98	28	3.45	0.0	1934	64.3	100	29	3.04	0.0							
1910	67.3	111	19	2.04	0.0	1935	60.3	99	25	3.04	T							
1911	66.9	108	25	3.05	0.0	1936	66.4	110	28	1.34	0.0							
1912	61.8	104	28	2.01	0.0	1937	63.5	109	25	4.03	T							
1913	65.8	101	27	2.45	0.0	1938	64.2	99	27	2.73	0.0							
1914	62.2	93	29	6.48	0.0	1939	60.1	99	29	4.59	0.0							
1915	56.7	94	20	4.81	0.0	1940	63.1	102	27	2.24	0.0							
1916	58.0	92	29	3.87	0.0	1941	64.2	97	32	5.54	0.0							

AVERAGES FOR THE PERIOD FROM 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature										Precipitation												
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
											90° or Above	32° or Below	32° or Below	0° or Below					Total	Max. Depth on Ground	Date	.16 or More	.50 or More	1.00 or More
EASTERN DIVISION																								
AMENIA		77.2	52.6	64.9	1.0	92	29+	42	24	71	2	0	0	0	3.06	- 0.53	0.95	3	0.0	0		7	1	0
ARVILLA STATE PARK	AM	76.4	52.4	64.4		89	28+	42	27	77	0	0	0	0	4.40		0.87	8	0.0	0		8	5	0
CARRINGTON		73.4	50.9	62.2	- 1.2	88	30	42	8+	122	0	0	0	0	3.07	- 0.38	0.64	9	0.0	0		8	3	0
CAVALIER		76.5	53.4	65.0	2.4	89	29	42	12	69	0	0	0	0	2.49	- 0.59	0.63	4	0.0	0		6	3	0
COOPERSTOWN		76.0	50.5M	63.3M	0.1	89	29+	40	7	106	0	0	0	0	3.99	- 0.72	1.05	4	0.0	0		7	3	1
DEVILS LAKE WB CITY	R	72.6	51.9	62.3	- 0.1	89	29	40	12	114	0	0	0	0	2.56	- 0.62	0.64	8	0.0	0		8	2	0
EDGELEY EXP FARM	AM	75.0	50.6	62.8	- 0.8	85	20+	42	7+	114	0	0	0	0	3.18	- 0.49	0.63	3	0.0	0		9	2	0
EDMORE 1 W		73.1	50.8	62.0	- 0.3	88	29	37	12	118	0	0	0	0	2.97	- 0.14	1.07	4	0.0	0		8	2	1
ELLENDALE		76.4	52.4	64.4	- 0.4	87	19	42	9	85	0	0	0	0	3.71	0.30	0.55	28	T	0		11	1	0
ENDERLIN	AM	77.7M	52.0	64.9M		89	30	44	7+	78	0	0	0	0	3.41		0.74	6	0.0	0		9	2	0
FARGO WB AP	R //	76.0	54.8	65.4	0.8	91	30	45	13	75	1	0	0	0	2.62	- 0.42	0.50	1	0.0	0		8	1	0
FORMAN		77.6	53.2	65.4	0.4	89	29	43	7+	77	0	0	0	0	2.88	- 0.72	0.83	3	0.0	0		7	2	0
FULLERTON		77.4	52.5	65.0	0.8	89	28	43	7+	85	0	0	0	0	3.82	- 0.09	1.26	28	0.0	0		8	2	1
GACKLE		74.7	52.4M	63.6M	0.3	88	29	41	7+	114	0	0	0	0	4.07	0.60	1.33	3	0.0	0		11	2	1
GRAFTON		76.1	53.2	64.7	1.0	88	29	42	12	73	0	0	0	0	6.18	2.93	1.95	4	0.0	0		9	5	2
GRAND FORKS CAA AP	R	75.8	53.1	64.5	1.1	90	29+	45	7+	83	2	0	0	0	3.84	0.56	1.86	3	0.0	0		6	2	1
GRAND FORKS UNIVERSITY		76.0	52.6	64.3	0.9	88	29+	44	9	77	0	0	0	0	4.37	1.09	1.92	3	0.0	0		8	3	1
GRAND RAPIDS 1 N		76.8	50.0	63.4		88	28+	40	7	110	0	0	0	0	4.44		0.92	3	T	0		11	2	0
HANKINSON R R STATION	AM	76.0	52.9	64.5	- 2.4	86	20	37	11	81	0	0	0	0	3.14	- 0.44	0.57	6	0.0	0		9	2	0
HANNAH		72.6M	50.7M	61.7M	1.2	89	29	36	12	135	0	0	0	0	2.92	- 0.49	1.28	4	0.0	0		5	2	1
HILLSBORO		77.0	53.1	65.1	0.4	90	30	44	9	68	1	0	0	0	3.87	0.45	1.04	8	T	0		8	3	1
JAMESTOWN CAA-AP	R //	74.7	51.5	63.1	- 0.6	91	29	43	7+	102	1	0	0	0	4.27	- 0.77	2.08	3	T	0		8	1	1
JAMESTOWN STATE HOSP		75.8	52.5	64.2	0.5	89	29	43	8+	92	0	0	0	0	3.32	- 0.18	1.37	3	0.0	0		8	1	1
KENSAL WILDLIFE REFUGE		76.2	49.8M	63.0M		90	29	40	7+	112	1	0	0	0	3.82		1.58	4	0.0	0		8	1	1
LANGDON EXP FARM		74.2	50.7	62.5	1.9	89	29	38	12	114	0	0	0	0	2.62	- 0.62	1.00	4	0.0	0		6	2	1
LARIMORE		75.5	52.8M	64.2M	1.3	89	29			86	0	0	0	0	5.30	1.74	0.95	8	0.0	0		8	5	0
LISBON		76.9	52.7	64.8	0.4	88	29	43	7	72	0	0	0	0	2.78	- 1.12	0.81	5	0.0	0		9	1	0
MAYVILLE		75.6	53.1	64.4	- 0.1	86	28+	45	9	77	0	0	0	0	4.42	1.05	1.04	8	T	0		7	4	1
MC HENRY 5 N		73.7	50.7	62.2	- 0.4	88	29	40	7+	120	0	0	0	0	4.81	1.34	0.95	4	0.0	0		9	4	0
MC LEO 3 E		74.2	52.1	63.2	- 2.1	90	30	42	12	99	1	0	0	0	2.25	- 1.58	0.60	3	T	0		7	1	0

CLIMATOLOGICAL DATA

NORTH DAKOTA
JUNE 1955

TABLE 2 - CONTINUED

Station		Temperature										Precipitation												
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
											Max		Min.						Total	Max Depth on Ground	Date	18 or More	50 or More	100 or More
											30° or Above	32° or Below	32° or Below	0° or Below										
MUNICH 4 SW		71.6	49.5	60.6	-1.2	85	29	37	12	147	0	0	0	0	2.50	-1.54	0.80	4	0.0	0		7	1	0
OAKES	AM	75.0	53.2	64.1	-1.8	86	30	43	4	96	0	0	0	0	2.10	-1.48	0.46	9	0.0	0		6	0	0
PARK RIVER		76.1	53.7	64.4	-1.8	89	29	41	12	71	0	0	0	0	4.74	-1.48	1.42	4	0.0	0		9	1	1
PEMBINA 2 N		78.0	51.8	64.4	-2.1	89	29+	36	12	74	0	0	0	0	1.34	-1.85	0.58	30	0.0	0		10	3	1
PETERSBURG		74.6	51.7	63.2	-0.6	86	24	40	12	98	0	0	0	0	5.76	-2.26	2.26	4	0.0	0		10	3	1
SHARON		74.0	53.2M	63.6M	-0.6	86	29			91	0	0	0	0	3.64	-0.63	0.96	4	0.0	0		9	2	0
VALLEY CITY		76.7	52.8	64.8	-0.7	90	29	44	8+	80	1	0	0	0	4.10	-0.55	1.30	4	T	0		8	3	2
WAHPETON STATE SCHOOL		79.0	53.1	66.1	-0.3	92	30	43	13	53	1	0	0	0	2.77	-0.91	0.79	1	0.0	0		6	2	0
DIVISION				63.9	-0.3										3.57	-0.03			T					
MIDDLE DIVISION																								
ASHLEY		73.5	50.5	62.0	-1.2	86	29	38	9+	134	0	0	0	0	5.34	-1.92	1.57	3	0.0	0		10	4	1
BELCOURT INDIAN RES		71.1	47.7	59.4	-0.7	85	29	35	7	177	0	0	0	0	4.34	-0.83	0.83	27	0.0	0		8	4	0
BISBEE		73.7	50.8	62.3	-1.7	89	29	40	12	119	0	0	0	0	2.25	-1.11	0.48	5	0.0	0		9	0	0
BISMARCK WB AP	R //	74.2	51.0	62.6	-1.0	92	29	39	8	119	1	0	0	0	4.59	-1.26	1.22	29	T	T		10	2	1
BOTTINEAU	AM	73.1	49.4M	61.3M	-0.5	87	30	39	7+	146	0	0	0	0	3.99	-0.80	1.85	28	0.0	0		6	2	1
BUTTE	AM	72.0	50.3	61.2	-1.3	89	30	40	8	145	0	0	0	0	3.76	-0.36	0.75	2	0.0	0		9	3	0
CARSON NO 2	AM	73.0M	50.0	61.5M	-2.2	89	30	39	8	133	0	0	0	0	4.29	-0.81	0.91	30	0.0	0		7	4	0
CENTER		72.8	48.7	60.8	-2.9	90	29	34	8	165	1	0	0	0	3.74	-0.18	0.85	2	T	0		9	3	0
DRAKE	AM	71.8	51.4	61.6	-2.2	90	30	39	7	147	1	0	0	0	3.19	-0.03	0.73	9	0.0	0		10	3	0
ECKMAN 2 SE	AM	74.4	48.0	61.2	-0.8	88	30	37	8	141	0	0	0	0	2.07	-0.41	1.18	24	0.0	0		4	1	1
FESSENDEN		74.2	51.0M	62.6M	-0.0	90	29	40	8	120	1	0	0	0	4.49	-1.01	1.73	1	T	0		9	3	1
FORT YATES		76.0	51.7	63.9	-2.7	91	29+	39	13	110	2	0	0	0	3.27	-0.20	0.54	1	T	0		11	1	0
FOXHOLM 7 N		75.3	49.3	62.3	-0.4	92	29	36	13	127	2	0	0	0	1.87	-1.11	0.75	17	0.0	0		6	1	0
GARRISON	AM	72.8	49.1M	61.0M	-1.9	90	30	39	8	163	1	0	0	0	2.89	-0.53	0.87	30	T	0		9	1	0
GRANVILLE		74.1M	50.5M	62.3M	-0.4	90	29	37	8	129	1	0	0	0	2.52	-0.67	0.72	30	0.0	0		7	2	0
HANSBORO		71.4M	49.9M	60.7M	-0.1	88	29	39	7	157	0	0	0	0	2.76	-0.56	0.80	4	0.0	0		7	1	0
LEES		74.0	51.1	62.6	-1.6	90	29	39	7	114	0	0	0	0	2.23	-0.65	0.52	9	0.0	0		7	1	0
LINTON		76.3	50.8	63.6	-0.1	85	28	38	13	114	1	0	0	0	3.92	-0.17	1.10	28	0.0	0		11	3	1
MAODOCK AGR SCHOOL		74.4	50.2M	62.3M	-0.1	85	28	41	7	115	0	0	0	0	3.12	-0.17	0.90	27	0.0	0		7	4	0
MANDAN EXP STATION	AM	72.9	51.2	62.1	-2.3	90	30	40	7+	133	1	0	0	0	3.22	-0.16	0.63	24	0.0	0		6	3	0
MANDAN FT LINCOLN PARK		74.7	48.7	61.7	-2.3	89	29	39	8	125	0	0	0	0	4.47	-0.66	1.06	30	0.0	0		11	3	1
MAX	AM	72.4	50.2	61.3	-0.5	89	30	39	8	150	0	0	0	0	4.05	-0.66	1.49	30	0.0	0		9	3	1
MC CLUSKY		73.1	50.5	61.8	-0.5	90	29	39	8	137	1	0	0	0	4.76	-1.30	1.42	2	0.0	0		11	4	1
MINOT CAA AP		72.9	50.2	61.6	-1.0	89	29	37	8	137	0	0	0	0	1.24	-1.87	0.36	8	0.0	0		4	0	0
MINOT EXP STATION	AM	72.3	49.7	61.0	-0.9	90	30	37	8	157	1	0	0	0	1.25	-0.35	0.9	0	0.0	0		6	0	0
MOFFIT 4 SE		74.0	49.9	62.0	-0.2	86	29	37	13	139	1	0	0	0	5.24	-1.09	1	T	0		12	4	1	
MOHALL		74.3	49.0	61.7	-0.0	89	29	36	12	136	0	0	0	0	1.46	-1.47	0.72	17	0.0	0		6	1	0
NAPOLEON		74.1	51.2M	62.7M	-0.2	86	10+	39	9+	126	0	0	0	0	4.81	-1.45	0.95	30	0.0	0		11	4	0
NEW SALEM 1 S		72.4	49.5M	61.0M	-2.6	88	29	38	8	152	0	0	0	0	4.17	-0.72	1.55	2	0.0	0		10	2	1
PETTIBONE		72.8	51.2	62.0	-0.6	90	29	40	4	131	1	0	0	0	3.30	-0.19	0.53	9	0.0	0		11	1	0
RIVERDALE	AM	71.5	50.7	61.1	-0.2	89	30	43	7+	151	0	0	0	0	2.89	-0.99	0.66	2	0.0	0		7	4	0
ROLLA		70.6	49.5	60.1	-0.2	85	29	40	12	158	0	0	0	0	4.39	-0.99	1.58	6	0.0	0		8	2	1
RUGBY		75.0	52.5	63.8	-0.3	89	29	41	7	97	0	0	0	0	2.48	-0.62	0.52	9	0.0	0		8	1	0
SAN HAVEN		71.1	51.1	61.1	-0.3	85	29	42	7+	136	0	0	0	0	3.79	-0.78	0.90	3	0.0	0		9	4	0
STEELE		75.0	50.3M	62.7M	-0.3	89	29	37	8	120	0	0	0	0	4.75	-1.19	0.87	2	0.0	0		8	2	0
TOWNER		73.7	48.1	60.9	-2.5	90	29	37	8	145	1	0	0	0	3.05	-0.06	1.00	3	0.0	0		8	2	1
TURTLE LAKE		73.6	50.2	61.9	-0.4	90	29	39	8	134	1	0	0	0	3.30	-0.17	0.78	2	0.0	0		8	2	0
UNDERWOOD	AM	73.0	49.2	61.1	-0.2	91	30	39	8	153	1	0	0	0	3.46	-0.04	0.68	2	0.0	0		8	3	0
UPHAM 3 N		76.3	48.6	62.5	-3.0	89	29	37	8	131	1	0	0	0	1.71	-0.67	0.67	30	0.0	0		5	1	0
VELVA		72.9	50.3	61.6	-3.0	89	29	39	8+	143	0	0	0	0	2.73	-0.20	0.70	3	T	0		6	3	0
WASHBURN		73.1	48.1	60.6	-2.1	89	29	36	8	159	0	0	0	0	2.07	-0.94	0.91	17	0.0	0		6	1	0
WESTHOPE		73.8M	49.1M	61.5M	-0.2	88	22	35	8	140	0	0	0	0	2.02	-1.03	0.38	3+	0.0	0		7	0	0
WILLOW CITY		71.2M	47.8M	59.5M	-3.3	87	29	36	8	191	0	0	0	0	4.23	-0.95	0.96	2	T	0		9	3	0
WILTON		74.2M	50.0M	62.1M	-1.5	85	29	37	13	125	0	0	0	0	3.96	-0.50	1.15	3	0.0	0		10	3	1
DIVISION				61.7	-1.3										3.35	-0.13			T					
WESTERN DIVISION																								
ALMONT 7 SW		72.8	50.8	61.8	-2.8	88	29	42	8+	131	0	0	0	0	4.00	-2.86	0.90	2	T	0		8	3	0
AMION	AM	71.0	49.0	60.0	-2.8	88	22	35	8	176	0	0	0	0	6.34	-2.86	4.40	27	T	0		8	1	1
BEACH	AM	70.9	48.5	59.7	-2.9	89	30	37	12	180	0	0	0	0	2.19	-1.40	1.12							

NORTH DAKOTA
JUNE 1955

[illegible]

DAILY PRECIPITATION

Table 3--Continued

NORTH OAKOTA
JUNE 1955

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ROCKFORD 7 WNW	2.50	.35			.31		.15		.26	.59	.03							.13		T					.10	.03						.45	
NEW SALEM 1 S	4.17	T	1.55	.50	.02	.28	.25		.12	.39	.12	T	T					.01	.10													.45	
NEWTOWN	2.37			.03	.18				.33	.06	.10	T	T					.54	.02						T	.11		.47	.53				
NOONAN	3.46						.08	.23	.09								1.55	.44	.04									.23	.20	.60			
NORTONVILLE	3.21	.19		1.16	.11			.25	.17	.15	.20	.05									.07									.21		.65	
OAKES	2.10	.06	.12	.26	.36	T	.21	.03	.03	.46	.06	T	T							.01										.45	.05	T	
PARK RIVER	4.74	.52	.11	.39	1.92	T	.06		.10	.34	.03								.68	.06	T									.27		.26	
PARSHALL	1.60		.02	.07	T	.02		.30	.05	.33	.01	.01	T							.03					.06			.13	.57			.58	
PEMBINA 2 N	1.34	.28	.01		.02		.03		*	.20	.01								.02	T	.09									.10		.58	
PETERSBURG	5.76	.39	.12	.70	2.28	.10			.66	.43										.02	.08			.32						.26		.40	
PETTIBONE	3.30	.22	.12	.47	.46		.15		.25	.53			.04						.04		.06				.18			.23	.15		.40		
PINGREE	4.35	.22	.13	.58	1.30	T	.28	T	.47	.38	.08	.02							.11						.06			.08	.31		.41		
PORTAL	2.31	T	.01	.11	.02				.57	.08	T								.08	T	.32				.05			.71	.36				
POWERS LAKE 1 N	1.83	T	.09		.25			.28	.06	.10									.03								.40	.33	.29				
PRETTY ROCK	4.70	T	1.46	.03	.10	.09	T	T	.05	.40	.05	.03						.34	.03				.05		.18			.61	.09		1.19		
RAUB 10 SSW	2.37		.20	.06	.04				.46	.15	.45		.05												.12				.84				
REEDER	4.26	.15	.02	.01	.02	.27		.01	.15	.70	.07	T	.01					.72	.25	.09		.01							1.07	.96	T		
REEDER 14 N	3.20	.10	.07			.25		.08	.05	.69	.11								.25		.07								1.10	.48			
RICHAROTON ABBEY	2.28	T	.21	T	.06	.02		.16	.05	.82	.10	.03						.24	T						.01			.56	.02	T			
RIVERDALE	2.89		.66	T	.70		.01		.56	.55	.18	.03	T						T				T		.22	.04		.27				.34	
ROLLA	4.39		.06	.05	.70		1.58		.46	.22	.02								.45	.12	T				.02			.42			.29		
RUGBY	2.48		.31		.03				.28	.52	.11									.28	.01				.16	.04			.40			.34	
ROYER	3.03		.03	.68					1.58																.39				.19		.05		
SAN HAVEN	3.79		.90		.21	.09	.02		.54	.26	.12								.52	T				.20	.03		.01	.39	.07		.53		
SCRANTON	2.75	T	T		T	.09		.08	.04	.34	.11		.01					.87				.02				.01		.82	.36	T			
SELFRIEGE 11 W	3.95	.23	.57			.16				.07									.02					.02	.61				.66			1.61	
SENTINEL BUTTE 20 S	4.61	.10	.10		.13	.24	.21		.38	.28		.10	T					.41										2.65	.37	.41			
SHARON	3.64	.28	.02	.94	.96		.10		.21	.05	.05		T						.18		T			.14				.26	T			.32	
SHERWOOD 3 N	1.39				T	.09	.02	.21	.05	.05								.18	.48		.06				.10	.07			.14	.10			
SMIELOS	2.99	.22	.55	.01		.15	.07	.01	.11	.40								.18				.28		.77									
STANLEY	1.34			.08	.01	.01		.10	.06	.11								.23	.03									.58	.13				
STEELE	4.75	.30	.87	.32	.17	.19		.05	.13	.45	.03	T						.03			.04			*	.70			.68	.17	.62			
SYKESTON	2.47	.78	.05	.04	.45	.10	.24	T	.20	.47	.01																						
TAGUS	3.01	T	.12	.33	.03			.09	.10	.06	.04							.75	.33	.02							.02	.02	.45	.47			
TIOGA 1 E	1.34		.01	.15	.04	T	T		.24	.03	T								.34	T								.46	.07				
TOLLEY	1.81		T		.10	.01	.16		.47	.18	T	.05									.17	.09							.59				
TOWNER	3.05	.09	T	1.00	.04		.10		.27	.60	.18									.17				.20				.04	.03		.33		
TROTTERS & WNW	2.06		.01	.15	.18	.08		.08	.05	.11	.03		T					.08		.11	.05		T				1.06	.18					
TURTLE LAKE	3.30		.78	T	.02	.30		.45	.05	.57	.09	.05	T						.11		.05				.35			.13			.35		
TUTTLE	3.06	.31		.30		.20		.21	*	.42								.07	.36	.05				.42			.15	.17			.40		
UNDERWOOD	3.46		.68	.03	.07	.01	.15	T	.51	.63	.06	.03	.01								.15				.44	.03		.21	T		.45		
UPHAM 3 N	1.71	T	.07	T	.01	T			.24	.15	.24														.05	.03			.25	.67			
VALLEY CITY	4.10	.18	.02	1.12	1.30		.01	.11	.54	.24															.02				.18				
VELVA	2.73		.03	.70	T	.08	.03	.16	.06	.65	.19	.02													.02	.22							
VERONA	2.82	T	.42	.42	.41	.19			.16	.26	.08										.30	.19	.06					.18	.11	.04			
WAMPETON STATE SCHOOL	2.77	.79	.15	.08	.12	.06	.03	.05	.20	.37	.07	.05								.61					.03				.03	.04	.07		
WALHALLA	3.51	.56	.07	1.27	.04	.07			.53	.04	.07																		.13	.10			
WARWICK	3.48	.15	.05	.51	1.02				.43	.44											.26	.11				.06				.36	.44		
WASHBURN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.66	-	-													
WATGA 5 OAK 8 N	3.80	.61		T		T			.54	T	T																		.96	.45			
WATFORD CITY	2.24		.27		.08			.22	.14	.10	.12							.72											.42	.07		.10	
WATFORD CITY 14 S	2.75	T	.31	.07	.04			.14	.21	.18	.02	.03						.56											1.12	.07			
WESTHOPE	2.07		.02	.10	.25			.27	.12	.08	.04										.91		.04		.16				.04			.04	
WILROSE	2.08		T					.23	.22	.05												.23							.39	.16		.10	
WILLISTON WB CITY	2.36	T	T	.15	T	.06		.16	.01	.01	.01						.04	.52	T									.31		1.09	T		
WILLOW CITY	2.02		.06	.38	.18			T	.24	.33	.14									.38			T			.06			T			.25	
WILTON	4.23	.04	.96	.02	.04	.13	.10	.36	.08	.49	.61	.03							.03										.20			.48	
WISHEK	3.96	.28	.10	1.15	.75				.15	.30	.10	T							.11								.22			.74			
WOODWORTH 5 E	3.61	.33	.20	.74	.80	T	.13	T	.13	.80							.03								.04				.18	.01	T	.54	
ZAHL	1.73	T	T	T		.08		.15	.03	.02	T							.70		T							.20		.01	T		.23	

MONTHLY AND SEASONAL SNOWFALL

Season of 1954-1955

NORTH DAKOTA
JUNE 1955

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
ADAMS 7 S	T			T	3.0	1.0	5.5	5.0	9.0	4.0			27.5	
ALEXANDER	T			T		1.8								
ALMONT 7 SW	T			4.7	.5	1.0	4.7	6.8	1.7	T		T	19.4	
AMBRUSE 3 N	-			3.0	T	T								
AMENIA				T	1.0	4.0	5.0	12.0	9.0				31.0	
AMIDON		.5	T	4.0	T	.5	2.0	2.0	T	1.0		T	10.0	
ARVILLA STATE PARK				-	-	1.0	-	-	-					
ASHLEY				T	.5	1.5	3.0	9.5	-					
BALTA	T			T	-	-	-	-	-	T				
BANTRY				-	1.0	2.0	5.0	1.0	5.0	2.0				
BEACH				4.0	2.0	-	9.0	9.6	-					
BELCOURT INDIAN RES			T	1.0	3.0	T	5.8	-	10.0	5.0				
BELFIELD			T	3.0	1.0	-	-	-	-	T				
BERTHOLD				-	1.0	2.1	-	2.0	8.0	-				
BEULAH				-	.5	-	2.0	3.0	T	-				
BISBLE				T	1.0	T	4.7	1.8	12.5	1.0			21.0	
BISMARCK WB AP				2.1	.5	.9	5.8	6.2	2.7	.5			18.7	34.8
BISMARCK 12 ENE	T			T	-	-	-	-	-	-				
BOTTINEAU				5.1	.7	.4	8.6	2.5	13.1	1.0	.1		31.5	
BOWBELLS			T	3.0	.5	.3	8.0	3.0	12.0	T			26.8	
BOWMAN COURT HOUSE	T	T		4.0	-	.8	-	-	T	1.5				
BOWMAN 11 SE	T			1.7	.3	.3	2.2	.8	T	1.0			6.3	
BOWMAN 30 NNW			T	T	T	1.5	6.5	-	-	-				
BURT 16 N				5.0	T	1.0	1.7	8.0	1.0				16.7	
BUTTE				T	.5	1.5	6.5	3.0	5.0	5.0			21.5	
CARRINGTON				-	2.0	-	-	-	3.0	-				
CARSON NO 2			T	5.7	1.0	T	-	-	1.0	.1				
CAVALIER				T	2.0	1.0	-	6.3	11.1	-				
CENTER				.5	T	.5	3.5	5.0	T	3.0			12.5	
COLGATE				-	1.8	2.0	4.2	8.5	7.3	-		T	23.8	
COLUMBUS			T	1.0	.5	.3	6.5	-	9.3	T		T	-	
COOPERSTOWN				T	3.0	1.0	6.7	12.8	8.3	T			31.8	
COURTENAY				T	1.0	T	2.5	8.0	6.8	T			18.3	
CROSBY				-	-	.5	5.7	.9	6.6	-		T	-	
DEVILS LAKE WB CITY				1.4	2.3	.6	6.6	7.1	16.6	3.2	T		37.8	34.1
DICKINSON CAA AP			T	3.9	.6	1.9	5.4	8.8	2.1	3.6		T	26.3	
DICKINSON EXP STATION				.5	-	-	-	-	-	-				
DUNNYBROOK				.5	2.5	1.8	7.4	4.0	7.2	T	T		23.4	
DRAKE			T	-	-	T	-	-	-	3.0			-	
DUNN CENTER				1.0	.2	1.3	5.0	-	-	4.0		T	-	
ECKMAN 2 SE				1.0	T	T	10.0	1.1	11.5	-			23.6	
EDGELEY EXP FARM				2.0	-	-	-	-	2.5	2.6			-	
EDMORE 1 W	T			1.0	2.2	T	5.3	3.3	11.0	4.0			26.8	
ELGIN 5 S			T	4.0	T	1.0	3.0	7.0	2.0	T		T	17.0	
ELLENOALE				T	2.0	-	5.7	16.2	3.0	1.0		T	-	
ENDERLIN	T	T		T	-	3.0	-	18.0	-	-			-	
EPPING		T		T	T	T	-	-	-	-			-	
FAIRFIELD			T	1.3	2.0	3.0	7.0	9.0	.5	-	T		-	
FARGO WB AP				1.1	3.3	3.0	2.8	12.0	7.4	.3			26.9	38.5
FESSENDEN	T	-		T	-	T	5.0	7.0	-	-		T	-	
FLASHER				3.0	.5	2.5	2.0	7.0	2.0				17.0	
FLAXTON				3.5	1.0	.9	7.6	2.9	12.0	T			27.9	
FORBES 13 NW	T	-		T	3.0	3.0	-	13.0	-	-	T		-	
FORMAN				-	-	3.0	5.0	-	-	-	T		-	
FORT YATES			T	3.0	1.0	.7	3.5	5.5	1.9	-		T	15.6	
FOXHOLM 7 N				4.0	1.0	-	-	-	-	-			-	
FULLERTON				.4	2.4	2.5	5.2	15.1	3.7	5.7			35.0	
GACKLE				T	.6	1.3	1.5	9.1	1.5	-			14.0	
GARRISON			T	.3	.3	-	-	-	1.7	1.9		T	-	
GLEN ULLIN 13 N				2.5	-	-	-	-	T	-			-	
GOLDEN VALLEY 10 S				-	-	2.0	-	-	-	-			-	
GRAFTON		T		T	3.4	2.5	-	20.4	19.5	4.5			-	
GRAND FORKS CAA AP				.8	3.6	3.2	5.5	10.7	16.5	T			40.3	
GRAND FORKS UNIVERSITY				.5	3.1	1.5	4.7	11.3	13.4	.5			35.0	
GRAND RAPIDS 1 N		T		T	1.0	4.0	7.0	11.5	3.8	T		T	27.3	
GRANVILLE	T			T	T	T	8.0	1.0	15.0	2.0			26.0	
GRASSY BUTTE 10 N				-	2.5	2.5	7.0	10.0	2.3	4.0			-	
GRENORA				.5	-	-	4.8	1.0	4.1	T			-	
HAGUE	-	T		3.5	.5	.3	3.1	12.2	.9	-			-	
HALLIDAY		-		-	-	.8	-	-	-	-			-	
HANKINSON R R STATION					T	-	-	-	T	-	T		-	
HANNAH				T	6.0	.3	-	5.1	6.1	T			-	
HANSBORO				1.7	2.0	T	11.0	3.4	11.6	.1			29.8	
HARVEY	T			-	.7	-	-	-	-	-			-	
HETTINGER		T	T	-	-	-	-	-	-	T		T	-	
HILLSBORO				-	-	-	-	13.5	13.0	T			-	
JAMESTOWN CAA AP				T	2.4	.7	3.0	8.2	2.3	T	T	T	16.6	
JAMESTOWN STATE HOSP			T	T	1.1	.5	2.0	6.8	2.4	-			12.8	
KEENE 2 S				5.4	2.3	2.4	7.5	7.5	3.3	4.1			32.4	
KENMARE		T	T	4.0	1.0	-	-	-	-	-			-	
KENSAL WILDLIFE REFUGE	T			-	-	2.0	7.2	6.2	9.2	-			-	
KILLOEER 8 NW				-	2.0	1.0	7.0	8.5	T	4.0	T		22.5	
KULM				T	-	-	-	-	-	-		T	-	
LANGOON EXP FARM			T	.5	3.6	.2	-	7.4	8.0	1.5	T		-	
LANSFORD				T	2.0	1.0	6.0	2.0	13.5	1.5	T		27.0	
LARIMORE				-	5.2	1.0	5.2	8.9	9.4	-			29.7	
LEEOS	T	T	T	.3	2.2	T	7.4	8.0	15.9	3.0			36.8	
LEFOR 10 E	T	-		4.5	T	1.5	3.8	6.4	1.3	1.7			-	
LINTON				1.5	1.0	T	6.1	8.5	2.0	-	T	T	19.1	
LISBON		-		T	2.2	3.4	5.9	9.5	1.1	4.4			-	
LITCHVILLE				T	1.7	1.9	3.9	7.6	2.5	3.0			20.6	
LOSTWOOD 12 N			T	6.0	1.0	1.0	6.0	2.9	5.8	4.6			27.3	
MADDOCK AGR SCHOOL				.4	-	T	-	-	-	T			-	
MANDAN EXP STATION				-	.4	.5	4.9	6.8	2.1	T			-	
MANDAN FT LINCOLN PARK	T			1.0	T	.3	3.2	5.0	2.0	T			11.5	

See reference notes following Station Index.

MONTHLY AND SEASONAL SNOWFALL

Season of 1954-1955

NORTH DAKOTA
JUNE 1955

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
MARMARTH				3.0	-	.8	4.2	16.1	2.6	3.5		T	-	
MARTIN				T	-	-	-	-	-	T			-	
MAX				.4	.6	1.5	4.3	5.7	4.5	2.0			19.0	
MAYVILLE			T	.5	2.4	2.7	4.0	15.7	8.8	T		T	34.1	
MC CLUSKY					T	.6	3.8	1.0	3.7	.5			9.6	
MC HENRY 5 N		T		.1	2.0	T	2.6	7.0	3.7	T			15.4	
MC LEOO 3 E				T	-	1.5	7.2	14.7	.8	3.0		T	-	
MC VILLE					-	T	3.3	-	11.5	T			-	
MEDINA 1 W					T	-	-	-	-	-			-	
MEDORA 4 NNE		T		.1	.5	3.5	12.0	12.2	3.5	3.0		T	34.6	
MEDORA 23 NNW					.3	-	-	-	-	-			-	
MINOT CAA AP	T		T	T	1.1	1.6	5.5	3.8	7.3	1.4			20.7	
MINOT EXP STATION				3.0	1.0	2.2	6.0	3.0	8.9	3.5			27.6	
MOFFIT 4 SE				3.1	.4	.4	2.8	4.0	1.6	.3		T	12.6	
MUHALL				1.0	T	-	-	-	-	1.0			-	
MONTPELIER	T	T		T	1.3	1.4	4.7	8.8	2.2	1.3			19.7	
MOTT		T		3.0	T	1.0	3.5	-	3.0	.3		T	-	
MUNICH 4 SW		T		T	2.5	-	5.5	-	7.0	3.0	T		-	
NAPOLEON	T				1.6	-	3.7	-	1.5	-			-	
NEW ENGLAND				T	T	-	5.0	7.0	-	-		T	-	
NEW ROCKFORD 7 WNW			T	T	1.0	T	6.0	2.0	4.0	2.0		T	15.0	
NEW SALEM 1 S	-			1.5	.7	1.0	5.3	8.8	-	1.5			-	
NEWTOWN				T	1.0	1.5	7.0	4.4	3.0	2.0			18.9	
NOONAN					T	T	10.0	3.3	12.7	-			26.0	
NORTONVILLE				T	T	1.5	2.0	6.4	1.5	1.0			12.4	
OAKES				T	1.1	4.5	-	-	3.1	2.0			-	
PARK RIVER					2.0	.5	4.2	-	8.7	3.0			-	
PARSHALL			T	T	T	1.1	5.0	1.9	2.5	T			10.5	
PEMBINA 2 N					-	1.0	-	11.0	8.0	-			-	
PETERSBURG					3.0	-	-	-	-	-			-	
PETTIBONE				T	.5	T	2.0	-	2.0	T			-	
PINGREE				T	-	-	-	-	9.7	T			-	
PORTAL	T	T		4.0	1.0	1.0	9.0	.5	5.9	4.0	T		25.4	
POWERS LAKE 1 N		-	T	5.0	T	T	7.0	2.0	3.2	1.0			-	
PRETTY ROCK		T	T	5.0		4.0	4.0	7.0	3.0	4.0	T	T	27.0	
RAUB 10 SSW					T	.3	-	-	-	-			-	
REEDER				2.0	T		1.0	1.0	T	-		T	4.0	
REEDER 14 N		T		2.0	.5	.5	2.0	2.5	.8	1.0	T	T	9.3	
RICHAROTON ABBEY				2.7	.9	.9	5.6	7.2	2.1	3.2			22.6	
RIVERDALE				.7	1.0	T	4.5	3.3	1.0	2.0			12.5	
ROLLA	T		T	5.0	3.3	T	8.8	-	11.9	.2			-	
RUGBY				T	-	2.5	-	-	-	4.0			-	
RYOER	T			.4	.9	.7	-	2.4	4.7	1.9			-	
SAN HAVEN			T	T	2.6	.6	9.0	4.7	10.9	.5	T		28.3	
SCRANTON	T			1.6	T	T	3.4	.5	2.0	T		T	7.5	
SELFRIEGE 11 W				8.0	4.6	3.5	3.0	13.5	-	-			-	
SENTINEL BUTTE 20 S		T		1.5	.5	1.5	9.3	8.0	T	4.5			25.3	
SHARON	T	T		T	2.5	.5	-	14.3	10.0	.8			-	
SHERWOOD 3 N		-		3.5	1.0	.7	8.7	2.2	11.4	.5	T		28.0	
SHIELDS		T		-	T	-	-	-	5.5	T		T	-	
STANLEY					T	1.0	6.0	-	-	-			-	
STEELE				T	2.5	1.5	6.0	11.5	4.5	-			26.0	
SYKESTON				T	T	-	-	-	-	-			-	
TAGUS		T		T	T	-	-	-	-	.8		T	-	
TIOGA 1 E				3.0	T	3.0	11.0	3.0	7.0	4.0			31.0	
TOLLEY 5 NNE				1.8	.5	.5	7.5	-	11.1	1.5			-	
TOWNER				T	1.0	1.0	-	6.0	13.0	T			-	
TROTTERS 6 WNW	T			2.0	.8	-	8.4	7.0	2.5	T		T	-	
TURTLE LAKE				-	-	1.3	-	-	-	-			-	
TUTTLE				.7	.7	.4	3.5	-	3.0	T			-	
UNOERWOOD		T		3.5	.7	-	-	-	-	-	T		-	
UPHAM 3 N			T	1.0	.2	T	17.5	-	-	-	T		-	
VALLEY CITY				T	1.8	1.8	2.7	8.8	4.0	2.0		T	21.1	
VELVA	-			T	1.0	1.7	6.0	4.5	9.5	1.5	T	T	-	
VERONA				-	-	-	-	18.0	T	-			-	
WAHPETON STATE SCHOOL	T	T			2.3	2.3	5.8	13.6	2.6	-			26.6	
WALHALLA					8.0	T	11.0	18.0	17.8	-			-	
WARWICK					-	T	-	4.0	5.8	-			-	
WASHBURN	T				.1	T	1.3	1.2	.5	-		-	-	
WATAUGA 5 DAK 8 N	-			5.0	1.0	T	3.3	5.5	6.0	T	T		-	
WATFORD CITY				T		3.3	12.5	-	5.5	3.5			-	
WATFORD CITY 14 S				6.0	1.0	-	4.2	-	-	1.0			-	
WESTHOPE				T	1.0	1.5	11.5	-	17.5	T			-	
WILOROSE				1.0	1.0	-	9.0	2.0	6.0	-			-	
WILLISTON WB CITY	T			3.1	.9	1.1	8.3	5.2	4.0	.8			23.4	30.8
WILLOW CITY				1.0	1.0	.5	9.0	3.5	10.0	2.5			27.5	
WILTON				1.0	-	-	-	-	-	-		T	-	
WISHEK					-	-	-	-	-	-			-	
WOODWORTH 5 E				T	1.2	1.0	4.4	-	-	-			-	
ZAHL				8.6	T	1.0	8.2	2.9	4.8	.9			26.4	

Table 5

DAILY TEMPERATURES

NORTH DAKOTA
JUNE 1955

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX MIN	70 47	74 53	74 53	69 48	68 48	67 46	73 47	55 42	50 42	52 44	65 47	69 47	80 49	80 59	80 58	71 53	79 53	83 53	77 45	84 48	75 44	79 50	75 51	78 54	79 57	82 59	84 59	88 60	74 60	72.8 50.8		
AMENIA	MAX MIN	73 60	79 61	80 58	75 58	74 53	70 55	70 46	61 48	60 45	58 49	58 48	69 49	78 52	83 48	84 52	80 57	79 53	85 50	78 55	84 54	76 50	84 46	86 42	86 50	85 60	85 45	88 52	92 67	92 67	77.2 52.6		
AMIOON	MAX MIN	62 42	65 51	74 51	70 47	65 48	60 41	66 46	69 35	54 41	49 43	48 43	50 45	62 41	70 50	81 57	80 56	75 49	66 48	77 51	80 49	78 57	88 47	76 47	78 49	75 52	82 58	83 52	81 54	80 59	87 64	71.0 49.0	
ARVILLA STATE PARK	MAX MIN	75 61	72 63	80 61	73 58	76 55	71 55	70 45	70 48	54 46	55 49	57 47	71 44	81 48	80 45	83 51	84 52	80 49	79 57	87 54	81 55	77 47	76 49	79 46	74 50	82 50	82 48	84 54	89 61	87 65	76.4 52.4		
ASHLEY	MAX MIN	70 52	79 61	76 54	70 52	72 47	65 49	70 41	57 42	55 38	53 45	65 44	70 38	75 48	79 56	83 59	77 55	79 50	83 48	76 46	82 45	79 45	78 49	74 50	81 54	85 54	84 50	85 54	86 59	81 62	73.5 50.5		
BEACH	MAX MIN	58 41	66 50	72 57	70 49	65 49	62 41	68 48	68 39	56 42	50 44	56 43	52 37	63 43	71 52	83 59	83 56	67 55	69 45	76 47	81 42	79 51	88 45	76 49	78 50	74 56	77 58	67 55	81 53	82 58	89 52	70.9 48.5	
BELCOURT INDIAN RES	MAX MIN	75 49	70 49	70 51	65 52	72 43	63 47	67 35	59 41	50 41	49 42	61 42	68 39	71 37	75 39	80 57	73 50	67 55	81 47	71 52	70 43	75 42	75 45	74 51	77 47	78 50	76 56	80 60	85 61	75 60	71.1 47.7		
BELFIELD	MAX MIN	74 52	73 50	69 42	72 49	69 49	68 49	58 44	50 39	50 40	51 43	62 41	69 43	81 42	71 52	79 61	80 48	78 47	78 42	85 44	76 42	79 43	75 47	75 47	78 52	80 56	82 55	82 52	87 57	79 79	73.2 47.8		
BEULAH	MAX MIN	71 40	69 47	70 50	69 48	64 40	63 42	65 38	63 36	54 40	49 41	49 44	53 44	62 36	69 45	78 56	79 56	80 49	65 47	74 43	81 43	75 43	78 41	74 42	78 48	80 50	74 54	78 59	81 61	87 56	87 59	70.6 46.8	
BISBEE	MAX MIN	76 52	73 54	72 58	67 55	74 49	65 51	68 42	64 43	58 45	50 44	58 44	68 40	74 44	77 48	82 56	81 54	79 55	76 59	83 52	73 49	72 48	76 48	79 53	77 51	73 48	80 47	79 57	84 62	89 63	83 63	73.7 50.8	
BISMARCK WB AP	MAX MIN	72 49	75 57	74 56	69 53	70 46	69 46	66 40	55 39	53 43	56 46	66 49	72 41	81 51	84 58	83 59	73 59	80 53	84 50	78 49	82 54	76 45	80 49	76 53	78 58	83 55	84 55	86 59	92 62	76 56	74.2 51.0		
BOTTINEAU	MAX MIN	77 47	74 55	72 52	74 54	67 43	73 47	67 39	65 40	58 44	55 45	52 45	64 42	69 39	72 46	79 56	83 57	82 60	72 49	83 45	74 45	78 47	77 52	76 45	79 53	79 58	81 58	82 57	87 58	87 59	73.1 49.4		
BOWBELLS	MAX MIN	74 43	72 50	66 44	73 49	68 47	64 40	66 43	62 38	56 45	53 44	55 45	66 35	66 41	71 48	80 61	84 58	84 57	76 49	81 51	72 46	74 43	76 46	77 44	77 43	78 49	80 50	79 57	84 57	86 62	72.1 48.0		
BOWMAN COURT HOUSE	MAX MIN	65 43	74 51	74 50	65 43	63 49	67 47	73 42	59 40	48 44	48 45	50 46	64 42	69 44	82 49	82 51	73 59	67 46	75 45	79 51	88 58	77 47	78 49	75 50	79 54	82 60	83 54	84 58	89 61	80 64	72.3 48.7		
BUTTE	MAX MIN	73 48	70 50	73 53	67 42	67 49	73 47	66 42	60 44	55 44	50 45	58 45	66 43	71 43	79 60	81 59	81 58	73 55	82 47	75 51	85 47	76 45	78 52	75 47	79 52	79 52	80 57	83 60	89 61	89 60	72.0 50.3		
CARRINGTON	MAX MIN	78 50	73 55	72 57	76 55	77 53	73 50	65 43	68 42	56 42	54 45	51 45	55 42	67 45	73 46	76 55	80 55	79 58	79 59	74 50	84 51	74 47	77 45	74 49	78 54	77 48	77 48	80 57	82 58	88 63	73.4 50.9		
CARSON NO 2	MAX MIN	76 47	70 54	82 51	69 48	68 45	65 46	67 39	54 46	51 45	52 45	54 45	64 45	72 51	78 54	81 59	80 57	69 59	78 51	79 47	77 49	85 47	75 51	77 48	79 54	81 52	84 60	86 61	89 58	89 58	73.0 50.0		
CAVALIER	MAX MIN	77 60	70 62	78 61	73 59	74 44	70 54	71 46	67 46	52 45	62 46	74 46	80 46	82 52	85 49	85 51	82 55	82 55	77 43	86 53	81 55	74 53	78 50	78 55	80 51	82 50	84 51	86 64	89 58	87 63	76.5 53.4		
CENTER	MAX MIN	70 47	70 52	70 53	67 50	69 43	67 42	64 37	55 34	52 43	51 43	54 44	67 46	71 43	80 44	81 46	82 43	70 45	78 55	86 60	79 49	79 45	76 42	79 51	72 50	78 52	80 60	81 57	90 62	81 60	72.8 48.7		
COOPERSTOWN	MAX MIN	78 57	79 51	79 58	72 55	74 50	70 51	69 44	67 44	55 44	56 45	66 44	76 44	79 52	82 57	83 55	80 57	78 49	85 55	78 47	77 46	75 45	81 48	76 48	79 49	83 55	85 50	86 49	89 55	89 56	76.0 50.5		
CROSBY	MAX MIN	72 41	71 48	72 50	70 48	64 45	68 42	67 47	58 41	58 46	55 47	67 46	68 35	73 40	84 52	88 56	74 50	66 48	75 51	78 47	72 46	78 45	78 46	81 44	74 48	75 48	79 48	81 58	88 51	81 56	73.1 48.6		
DEVILS LAKE WB CITY	MAX MIN	73 54	66 59	76 58	69 56	74 53	63 50	67 44	64 43	53 43	51 45	57 44	66 40	75 46	78 50	82 58	82 56	75 49	69 57	84 51	73 52	74 50	74 46	77 50	77 51	81 50	82 51	84 63	89 61	77 59	72.6 51.9		
DICKINSON CAA AP	MAX MIN	67 44	73 53	73 50	66 44	60 44	67 47	69 46	54 40	50 43	49 43	52 43	60 47	69 45	79 52	79 58	76 58	67 49	80 51	78 48	86 55	74 45	78 51	78 48	82 54	81 52	86 58	81 61	87 62	73 63	71.2 48.9		
DICKINSON EXP STATION	MAX MIN	65 44	67 52	70 50	69 47	65 45	60 47	66 42	58 38	58 42	50 44	50 43	53 45	61 44	70 45	80 48	80 58	77 49	77 45	85 45	85 47	74 52	75 48	77 52	75 48	78 50	85 55	81 60	87 65	87 56	71.1 49.1		
DRAKE	MAX MIN	74 49	73 50	70 54	69 49	73 47	61 43	63 39	55 43	52 45	50 45	61 46	66 45	72 47	78 50	81 58	81 61	71 57	77 49	83 57	75 48	75 48	76 46	78 50	78 53	76 52	79 59	82 62	84 61	90 62	71.8 51.4		
DUNN CENTER	MAX MIN	67 41	72 45	72 47	72 44	68 40	63 40	69 38	70 33	55 42	51 43	61 42	63 40	80 38	70 49	81 55	80 51	67 48	78 44	80 46	77 44	80 41	75 40	78 52	74 51	77 58	81 56	80 61	88 61	88 59	72.1 46.6		
ECKMAN 2 SE	MAX MIN	74 42	73 46	75 48	74 55	72 45	65 41	77 40	65 37	57 40	64 45	52 46	65 39	69 41	73 45	75 46	83 50	84 51	73 41	83 49	73 41	75 44	78 47	78 48	76 51	79 52	80 61	82 62	84 60	88 60	74.4 48.0		
EDGELEY EXP FARM	MAX MIN	78 58	77 61	73 58	78 55	71 50	74 50	66 42	68 42	62 42	56 45	55 45	56 43	65 42	72 49	76 51	79 57	79 56	79 51	85 51	78 47	79 47											

Table 5-Continued

DAILY TEMPERATURES

NORTH DAKOTA
JUNE 1955

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX MIN	74 47	72 48	70 52	72 49	67 47	72 42	69 40	60 39	56 43	52 44	51 44	58 45	66 41	70 48	80 59	82 56	82 60	69 50	78 58	84 46	77 40	79 44	77 46	80 46	74 52	78 60	81 60	81 59	84 60	90 60	72.8 49.1	
GRAFTON	MAX MIN	76 59	68 61	77 60	74 58	75 54	65 53	71 45	69 45	54 43	55 45	61 45	73 42	79 48	80 48	84 52	85 58	83 58	76 52	84 54	81 54	76 57	79 51	78 52	80 50	80 49	81 52	84 53	86 64	88 61	86 63	76.1 53.2	
GRAND FORKS CAA AP	MAX MIN	68 59	71 59	80 59	72 59	78 55	62 52	69 45	56 45	58 45	56 48	59 46	73 46	82 46	83 52	85 54	86 56	79 60	72 60	85 58	73 52	77 52	76 48	77 49	82 46	84 49	85 54	88 65	90 64	90 59	75.8 53.1		
GRAND FORKS UNIVERSITY	MAX MIN	73 58	72 61	78 58	74 58	75 54	70 54	70 45	65 46	58 44	57 47	59 47	71 45	79 45	80 50	84 50	85 55	80 59	72 61	84 57	76 52	78 50	78 46	78 51	80 47	82 47	82 49	84 53	86 64	88 61	88 63	76.0 52.6	
GRAND RAPIDS 1 N	MAX MIN	82 62	84 60	83 58	73 49	75 49	66 50	69 47	65 49	53 49	57 47	57 46	67 45	76 41	79 44	81 49	82 52	79 58	86 49	79 44	78 45	81 45	76 44	81 45	78 45	76 45	85 56	86 53	88 60	88 60	85 62	76.8 50.0	
GRANVILLE	MAX MIN	72 48	73 54	73 51	67 53	74 46	68 46	65 41	57 37	53 45	53 45	67 43	72 42	80 48	82 62	82 56	75 58	83 53	76 48	76 47	76 48	80 49	75 45	80 45	75 45	78 50	80 62	84 64	90 59	84 60	74.1 50.5		
GRENORA	MAX MIN	78 51	70 50	73 51	70 48	69 40	69 41	62 44	58 41	56 47	61 47	69 45	68 45	83 37	86 54	86 58	82 51	69 55	77 48	76 47	79 49	76 47	76 42	80 44	79 45	78 54	74 57	80 55	83 59	90 57	87 52	74.2 48.5	
HANKINSON R R STATION	MAX MIN	82 60	70 59	82 58	83 55	78 49	70 54	62 46	73 49	62 45	65 40	60 37	57 48	68 41	76 52	79 59	83 54	83 60	79 63	72 56	86 52	82 50	81 54	75 51	80 50	81 51	82 50	83 63	85 60	83 61	83 63	76.0 52.9	
HANNAH	MAX MIN	76 56	73 55	70 57	65 58	72 50	65 50	69 41	64 43	50 42	49 40	66 43	66 36	78 45	82 57	81 58	78 58	70 60	80 58	69 54	69 44	74 44	78 49	74 46	76 46	76 40	78 57	82 63	89 57	82 63	72.6 50.7		
HANSBORO	MAX MIN	77 52	70 50	68 58	65 52	73 48	63 50	70 40	59 43	49 43	60 44	60 44	73 38	75 47	81 55	81 53	74 54	65 59	82 53	70 52	70 47	70 47	78 45	75 48	77 45	77 45	78 47	82 61	86 57	77 63	71.4 49.9		
HETTINGER	MAX MIN	65 45	74 51	74 52	62 46	63 46	66 42	66 46	59 37	59 41	49 44	51 43	60 43	68 43	80 50	79 58	78 56	82 54	86 46	76 46	87 52	74 50	76 53	74 49	78 53	82 54	80 54	88 54	88 54	78 54	71.8 48.6		
HILLSBORO	MAX MIN	76 59	79 61	79 58	76 57	74 58	64 50	60 40	64 48	58 44	58 48	57 48	70 48	79 47	80 48	85 51	87 54	83 55	71 50	86 54	82 52	79 49	81 49	78 50	80 49	83 49	86 56	88 60	88 60	90 64	77.0 53.1		
JAMESTOWN CAA AP	MAX MIN	78 59	80 63	78 58	71 54	73 50	67 50	68 43	59 43	55 43	55 46	67 46	75 44	77 45	80 52	81 56	77 58	75 59	84 50	75 49	78 49	78 53	81 48	78 48	83 53	85 48	85 56	86 59	91 62	76 56	74.7 51.5		
JAMESTOWN STATE HOSP	MAX MIN	78 59	80 63	77 56	72 56	72 51	65 51	68 44	59 43	55 43	57 46	59 46	66 46	76 45	79 48	83 55	82 58	76 58	76 50	87 49	79 52	80 52	79 48	82 48	78 56	79 49	84 51	85 56	88 61	89 63	84	75.8 52.5	
KENMARE	MAX MIN	75 45	71 50	66 47	71 50	72 47	69 43	65 40	62 39	58 46	54 45	51 43	65 43	68 45	71 40	80 50	85 50	84 49	63 59	75 50	80 48	75 46	75 46	78 46	76 46	80 46	80 46	81 59	85 62	85 59	72.6 49.5		
KENSAL WILDLIFE REFUGE	MAX MIN	78 53	77 62	80 60	70 56	74 47	68 46	71 40	63 42	56 43	55 47	58 42	69 40	77 42	77 42	79 45	80 56	80 57	77 48	84 48	77 48	81 44	78 43	82 48	80 46	80 48	83 45	83 56	89 60	90 63	89	76.2 49.8	
LANGDON EXP FARM	MAX MIN	75 56	73 57	73 58	72 50	74 50	67 50	70 40	69 42	51 42	56 42	61 38	70 44	76 48	81 57	81 56	79 57	73 59	83 49	74 49	73 47	73 47	75 48	78 50	76 48	78 48	79 51	84 59	89 62	88 58	83 62	74.2 50.7	
LARIMORE	MAX MIN	75 60	71 62	77 58	76 56	74 54	64 54	69 45	69 47	53 43	53 47	57 45	70 45	77 45	80 51	83 54	81 54	74 57	84 54	78 52	78 52	73 44	76 44	79 44	75 44	80 49	80 48	85 46	87 63	89 60	87 64	75.5 52.8	
LEEDS	MAX MIN	75 51	74 58	75 59	68 55	74 55	65 51	69 39	63 42	53 43	51 45	59 44	69 48	74 41	79 49	83 58	82 56	77 56	71 50	82 47	77 51	74 47	74 45	77 46	77 46	81 45	81 49	81 59	84 62	88 57	84 52	74.0 51.1	
LINTON	MAX MIN	75 50	79 58	78 58	69 54	71 44	69 47	72 39	59 39	57 41	54 47	65 43	69 49	80 38	84 51	83 59	78 59	82 61	84 51	80 44	87 47	79 48	83 41	79 49	83 49	82 58	83 56	89 60	85 65	84 64	76.3 50.8		
LISBON	MAX MIN	80 65	82 63	82 60	74 58	74 53	73 51	73 46	66 45	66 46	58 45	56 46	66 48	76 51	79 45	81 50	81 56	79 51	74 45	83 51	83 53	79 50	79 46	78 46	82 45	82 45	82 57	86 57	88 64	87 65	76.9 52.7		
LOSTWOOD 12 N	MAX MIN	69 41	69 48	70 45	68 42	67 42	65 41	61 40	53 45	53 42	48 42	62 34	65 42	70 37	78 47	82 59	80 56	61 54	73 48	76 46	72 44	72 43	74 43	76 44	76 45	74 44	76 57	78 57	80 57	86 57	71	70.2 46.7	
MAODOCK AGR SCHOOL	MAX MIN	75 50	73 57	77 58	68 55	77 50	69 51	67 41	62 42	55 43	52 45	68 42	69 42	74 42	78 44	83 56	81 54	76 58	74 48	79 51	78 46	79 46	78 44	78 48	76 48	78 49	82 48	83 58	85 61	83 57	83 62	74.4 50.2	
MANDAN EXP STATION	MAX MIN	75 50	71 56	74 58	70 53	67 47	70 47	66 40	67 40	56 42	52 45	56 45	65 47	72 41	80 50	81 58	81 58	73 51	78 49	83 51	76 48	78 47	78 53	75 48	78 53	76 53	76 54	81 61	83 58	84 61	90	72.9 51.2	
MANDAN FT LINCOLN PARK	MAX MIN	77 48	75 54	75 56	70 52	72 44	69 44	67 40	56 39	53 41	58 42	55 44	67 46	68 45	79 47	81 56	80 50	74 50	82 48	85 49	83 46	83 46	75 48	81 48	78 50	76 50	80 51	84 52	85 56	89 59	85 50	74.7 48.7	
MARMARTH	MAX MIN	63 44	65 51	69 49	72 51	58 45	69 45	72 49	58 48	53 43	63 46	49 43	63 46	73 47	84 46	83 61	70 62	77 55	83 45	81 46	77 47	78 49	80 51	78 49	76 58	80 58	86 61	86 52	85 57	86 55	75.9 50.9		
MAX	MAX MIN	72 47	70 52	72 52	72 49	62 47	74 44	68 40	60 39	55 44	52 44	51 44	58 40	66 44	73 49	80 59	83 57	83 59	71 54	73 48	82 47	75 47	78 46	75 46	79 46	76 45	77 46	80 55	85 59	89 61	89 60	72.4 50.2	
MAYVILLE	MAX MIN	75 60	76 61	79 59	75 53	71 54	72 52	65 46	65 48	56 45	58 46	61 48	71 48	78 47	79 50	84																	

DAILY TEMPERATURES

NORTH DAKOTA
JUNE 1955

Table 5-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX MIN	66 44	73 52	70 51	67 46	63 44	65 42	-2	71 43	58 38	50 43	50 44	51 43	62 47	69 42	80 50	80 56	77 56	68 56	77 46	80 46	88 48	74 45	77 48	75 48	77 52	81 58	81 54	80 55	87 59	74 55	71.6 48.4	
NEW SALEM 1 S	MAX MIN	70 46	72 56	69 53	67 54	66 53	67 47	67 42	56 38	53 42	51 44	54 43	63 47	69 43	72 44	79	80	71 57	79 49	82 51	80 50	83 53	76 47	80 51	78 50	78 50	80 52	82 59	84 56	88 58	75 51	72.4 49.5	
NEWTOWN	MAX MIN	72 44	72 53	72 49	72 65	65 48	68 46	58 40	58 45	55 46	63 43	65 45	66 46	71 43	82 51	84 57	82 55	65 57	77 58	80 50	76 46	78 45	81 49	79 46	72 50	77 51	77 55	80 55	83 55	80 60	80 60	73.3 49.1	
OAKES	MAX MIN	81 63	73 61	81 60	77 61	72 60	72 53	65 45	69 45	62 43	61 47	57 48	56 46	66 45	72 46	77 57	81 55	81 57	79 57	77 55	84 50	76 56	76 48	81 46	76 46	80 56	78 50	79 55	81 55	85 60	84 63	86 66	75.0 53.2
PARK RIVER	MAX MIN	77 59	69 62	76 61	75 59	73 55	68 54	68 46	53 49	54 45	60 47	71 46	77 41	83 50	82 52	76 57	85 57	84 57	77 61	76 56	84 53	77 48	77 50	78 53	80 52	81 48	81 50	83 52	85 63	89 63	86 64	76.1 53.7	
PARSHALL	MAX MIN	73 44	72 54	71 47	69 42	67 49	68 39	66 41	57 30	54 45	53 45	61 44	66 37	70 48	80 51	82 55	81 57	67 50	75 46	80 48	76 43	78 41	77 39	79 42	75 44	78 49	80 52	80 58	82 59	90 61	85 58	73.1 47.7	
PEMBINA 2 N	MAX MIN	78 59	72 60	77 59	77 68	68 53	74 51	76 42	76 49	63 43	55 46	62 46	74 36	79 45	81 49	85 54	86 50	85 57	80 58	80 62	85 50	82 50	75 50	78 45	80 50	80 46	81 43	83 49	84 55	85 64	89 65	78.0 51.8	
PETERSBURG	MAX MIN	74 57	70 61	77 59	74 56	74 52	70 49	67 42	65 45	52 42	58 45	67 43	68 40	79 45	80 50	84 55	81 57	78 57	70 59	84 54	82 50	76 48	75 45	79 48	78 51	79 52	81 54	84 61	86 61	84 62	74.6 51.7		
PETTIBONE	MAX MIN	72 46	72 61	74 59	69 56	73 47	64 49	64 47	61 41	52 40	52 44	54 44	64 43	71 47	75 48	78 56	76 58	76 51	75 51	82 51	77 47	77 47	74 50	79 55	75 50	80 52	83 56	84 59	90 64	84 62	72.8 51.2		
PORTAL	MAX MIN	76 41	71 51	67 42	71 49	68 45	67 41	65 47	63 37	59 44	56 45	52 45	65 38	73 42	81 56	88 60	83 55	62 49	75 50	76 45	72 44	70 45	75 44	76 43	75 48	78 48	79 53	79 55	82 55	87 59	87 57	71.9 48.4	
POWERS LAKE 1 N	MAX MIN	75 52	70 53	70 50	70 48	70 42	66 38	63 42	56 36	54 44	50 45	64 44	69 59	70 38	80 50	86 57	84 55	76 43	79 48	74 45	76 44	78 37	79 40	74 44	74 52	76 52	81 59	81 59	87 59	80 58	72.7 48.3		
RAUB 10 SSW	MAX MIN	70 50	70 53	67 51	61 48	68 46	62 48	58 54	54 45	53 45	59 45	65 42	71 44	81 43	83 44	82 60	68 56	77 51	82 54	78 48	79 46	75 53	80 46	75 53	78 55	80 58	82 59	85 65	89 60	61	72.6 51.3		
RICHARDTON ABBEY	MAX MIN	67 45	71 52	70 52	66 48	61 45	67 47	70 46	57 39	51 42	49 42	52 42	62 44	70 43	80 50	80 56	78 57	65 57	78 49	81 49	78 52	84 53	75 49	79 49	75 50	76 55	81 59	82 56	88 60	84 51	72.0 49.8		
RIVEROALE	MAX MIN	73 47	71 50	70 52	71 60	67 46	66 46	65 43	61 46	55 44	51 44	51 44	56 44	65 43	70 49	80 58	81 57	68 60	75 53	82 52	75 49	76 48	75 50	79 49	73 54	75 54	80 60	81 59	84 60	89 58	71.5 50.7		
ROLLA	MAX MIN	75 50	71 52	67 57	64 51	73 48	63 48	67 41	60 41	48 41	49 42	60 42	65 40	72 43	75 46	81 55	80 54	74 50	65 47	80 50	73 52	70 49	73 48	74 49	72 45	75 47	78 48	75 59	85 79	76 60	70.6 49.5		
RUGBY	MAX MIN	75 51	73 56	75 60	67 55	76 49	74 49	66 41	66 42	54 44	52 46	61 46	69 43	73 45	79 50	83 59	82 59	80 60	70 58	84 53	81 52	76 48	77 51	77 54	78 56	81 55	80 60	83 63	89 60	88 63	75.0 52.5		
SAN HAVEN	MAX MIN	72 50	70 57	73 54	66 53	72 45	68 49	65 42	59 42	47 42	60 42	66 48	71 43	75 50	80 49	79 57	74 58	70 58	80 51	73 49	70 51	73 48	75 49	74 53	74 52	76 53	77 54	74 57	80 60	85 59	82 61	71.1 51.1	
SHARON	MAX MIN	73 59	73 62	76 58	69 56	75 56	67 52	67 46	65 46	53 43	54 46	55 43	67 46	79 49	78 51	80 56	81 57	78 58	74 59	92 52	73 48	77 49	70 46	83 47	77 46	80 45	80 46	81 58	82 60	86 58	74.0 53.2		
STANLEY	MAX MIN	70 45	68 53	68 46	68 49	70 42	65 43	64 43	56 38	55 44	51 43	64 44	67 36	71 39	81 48	86 57	85 55	67 47	74 46	79 48	74 45	76 44	75 45	80 46	78 45	79 46	80 51	81 58	84 60	88 56	78 58	72.7 47.7	
STEELE	MAX MIN	73 51	76 59	78 58	70 43	76 42	67 40	65 37	60 40	55 43	53 45	55 45	68 45	73 41	80 48	82 58	80 59	79 61	78 54	84 52	82 48	77 47	70 52	74 51	75 50	81 53	82 55	85 57	89 61	86 61	75.0 50.3		
TIOGA 1 E	MAX MIN	69 41	73 54	67 49	62 48	69 44	62 38	68 44	59 36	58 45	55 46	62 46	66 39	65 40	71 51	82 58	87 59	81 55	65 49	75 49	72 55	74 41	75 40	75 41	80 47	73 54	78 57	67 57	79 80	80 62	89 57	71.3 48.4	
TOWNER	MAX MIN	75 46	73 52	76 52	67 51	76 44	69 46	66 48	58 37	57 42	52 43	64 43	70 40	74 42	75 43	84 55	84 57	74 48	72 46	84 47	71 46	67 42	78 49	78 45	77 49	78 45	79 59	81 54	90 58	78 59	73.7 48.1		
TURTLE LAKE	MAX MIN	72 47	72 45	73 53	67 50	72 47	67 44	67 40	56 39	51 43	52 44	57 44	67 46	71 46	78 49	80 61	81 56	76 59	83 51	77 48	78 51	83 48	77 46	80 51	76 48	76 52	78 52	80 60	81 61	85 61	90 62	73.6 50.2	
UNDERWOOD	MAX MIN	72 47	71 52	72 52	70 49	67 45	73 43	69 40	59 39	58 43	55 43	51 43	57 43	66 41	72 49	80 57	82 56	83 50	71 50	77 47	83 45	75 44	78 46	81 49	80 46	81 49	82 55	83 57	85 59	91 58	73.0 49.9		
UPHAM 3 N	MAX MIN	76 44	74 54	75 50	69 53	76 43	68 45	65 38	61 37	53 44	53 45	64 44	70 39	76 42	82 46	85 58	86 56	75 50	85 52	81 46	76 42	80 41	81 46	79 45	83 48	87 51	86 53	88 58	92 57	84 58	76.3 48.6		
VALLEY CITY	MAX MIN	79 62	76 62	80 60	74 58	73 51	64 52	70 45	68 44	57 45	55 49	68 48	82 46	77 46	80 49	82 53	80 55	86 57	84 59	80 51	84 55	80 50	75 47	78 44	75 55	80 51	84 48	85 58	90 64	88 64	76.7 52.8		
VELVA	MAX MIN	72 46	72 49	70 51	67 52	70 47	66 47	66 41	55 39	52 45	60 45	60 46	66 43	71 39	79 47	81 63	82 57	78 60	75 55	82 52	76 49	76 46	77 50	77 47	74 52	75 49	80 49	81 62	84 63	89 57	82 62	72.9 50.3	
WAHPETON STATE SCHOOL	MAX MIN	80 60	84 62	80 59	77 55	73 55	71 51	74 45	71 48	69 45	63 54	59 48	71 48	79 43	81 47	85 53	85 55	83 61	78 61	85 53	84 55	84 48	78 45	83 46	80 49	81 47	84 50	84 53	86 62	86 62	92 70	79.0 53.1	
WASHBURN	MAX MIN	70 43	74 54	73 52	68 47	61 45	61 46	69 48	57 41	55 46	54 45	63 45	65 43	73 43	83 57	87 62	83 59	69 57	78 50	79 49	76 44	80 48	77 45	80 48	76 51	80 55	71 60	82 56	85 59	93 61	81 57	733	

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1954-1955

NORTH DAKOTA
JUNE 1955

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	NORMAL JULY-JUNE
ALMONT 7 SW	26	18	244	609	801	1159	1485	1500	1241	438	222	131	7874	
AMENIA	16	24	231	571	874	1358	1694	1624	1439	415	175	71	8492	
AMIDON							1477	1491	1288	552	273	176		
ARVILLA STATE PARK			325	642	964	1429	1863	1687	1576	443	215	77		
ASHLEY	19	26	231		839	1286	1561	1598		434	214	134		
BEACH							1530	1513	1333	574	325	180		
BELCOURT INDIAN RES	68	116	425	749	990	1375	1870	1715	1738	620	333	177	10176	
BELFIELD	33	34	307	671	822	1190	1500	1518	1281	512	289	156	8313	
BELHAM							1648	1665	1449	642	326	217		
BISBEE	36	61	352	694	948	1320	1814	1672	1641	545	302	119	9504	
BISMARCK WB AP	23	17	251	626	850	1237	1546	1586	1283	475	211	119	8224	9033
BOTTINEAU							1873	1745	1734	595	328	146		
BOWBELLS							1754	1683	1626	639	339	180		
BOWMAN COURT HOUSE	19	13	250	649	769	1130	1414	1407	1204	506	262	161	7784	
BUTTE							1691	1650	1519	546	267	145		
CARRINGTON									1400		259	122		
CARSON NO 2	26	21	250	639	811	1082			1244	475	233	133		
CAVALIER	24	43	292	615	942	1382	1858	1682	1374	477	242	69	9259	
CENTER	36	34	294	662	856	1237	1602	1572	1297	504	271	165	8530	
COOPERSTOWN	26	38	281	627	946	1374	1723	1633	1482	446	256	106	8938	
CROSBY	49	40	340	638	852	1285	1669	1614	1537	603	340	149	9116	
DEVILS LAKE WB CITY	28	58	331	658	944	1356	1770	1671	1564	509	303	119	9311	9940
DICKINSON CAA AP	29	24	290	646	806	1139	1508	1531	1282	540	315	173	8283	
DICKINSON EXP STATION							1519	1540	1317	547	286	190		
DRAKE							1738	1666	1496	548	284	147		
DUNN CENTER							1594		1290	605	329	196		
ECKMAN 2 SE							2904	1729	1648	580	312	141		
EDGELEY EXP FARM							1606	1654	1357	453	209	114		
ELMORE 1 W	36	78	368	683	982	1392	1825	1654	1609	515	305	118	9565	
ELLENDALE	13	11	186	593	816	1298	1542	1556	1250	386	156	85	7892	
ENDERLIN							1693	1642	1460	472	204	78		
EPPING	35	26	323	650	822	1248	1644							
FAIRFIELD							1713	1655	1487	424	195	167		
FARGO WB AP	16	21	246	619	906	1399	1686	1649	1393	480	242	120	8756	9274
FESSENDEN	29		308	628	903	1303								
FORMAN	19	13	197	568	817	1350	1622	1564	1313	385	157	77	8082	
FORT YATES	14	9	168	584	765	1176	1452	1463	1157	388	163	110	7449	
FOXHOLM 7 N	42	33	305	605	853	1220	1678	1586	1463	540	254	127	8706	
FULLERTON	13	9	202	595	835	1305	1568	1572	1292	385	163	85	8024	
GACKLE	23	18	285	625	862	1306	1623	1642	1359	451	231	114	8539	
GARRISON							1648	1626	1423	567	292	163		
GRAFTON	26	41	278	587	921	1411	1838	1693	1641	440	234	73	9183	
GRAND FORKS CAA AP	21	38	296	657	973	1467	1829	1715	1637	478	248	83	9442	
GRAND FORKS UNIVERSITY	22	44	254	621	926	1411	1796	1664	1602	440	210	77	9067	
GRAND RAPIDS 1 N	15	15	213	585	859	1313	1637	1605	1333	415	183	110	8283	
GRANVILLE	34	37	312	618	842	1247	1698	1541		504	259	129		
GRENORA	50	44	319	637	786	1221	1642	1522	1377	554	314	140	8606	
HANKINSON R R STATION							1601	1555	1374	400	181	81		
HANNAH	50	102	395	715	987	1417	1746	1718	1577	577	339	135		
HANSDORO	33	104	395	698	944	1343	1840	1690	1662	545	328	157	9739	
HETTINGER	21	31	287	601	779	1114	1422	1420	1210	456	248	162	7811	
HILLSBORO	21	27	239	600	891	1342	1725	1645	1518	402	192	68	8720	
JAMESTOWN CAA AP	27	21	288	641	909	1329	1654	1656	1414	485	235	102	8761	
JAMESTOWN STATE HOSP	26	21	246	601	864	1291	1609	1605	1362	442	201	92	8341	
KENMARE							1717	1667	1586	632	335	158		
KENSAL WILDLIFE REFUGE	24		278	614	889	1273	1623	1619	1397	449	207	112		
LANGDON EXP FARM	43	89	367	689	998	1407	1889	1696	1702	558	314	114	9860	
LARIMORE	27	38	267	619	923	1387	1777	1660	1569	459		86		
LEES	30	55	346	669	928	1322	1792	1684	1567	494	277	114	9278	
LINTON	14	8	197	615	829	1303	1560	1565	1260	419	192	114	8076	
LISBON	13	16	212	576	872	1374	1677	1633	1340	391	171	72	8347	
LOSTWOOD 12 N	68	85	404	730	879	1354	1739	1675	1596	657	378	211	9776	
MAQUOKK AGR SCHOOL	28	55	296	666	915	1295	1729	1654	1473	489	260	115	8975	
MANDAN EXP STATION							1556	1601	1285	489	224	133		
MANDAN FT LINCOLN PARK	23	21	241	577	789	1167	1494	1502	1208	404	190	125	7741	
MARMARTH	20	1	252	635	812	1165	1413	1382	1248	488	277	100	7793	
MAX							1677	1655	1474	568	304	150		
MAXVILLE	21	33	234	580	908	1356	1737	1653	1527	446	206	77	8778	
MC CLUSKY	30	33	311	674	867	1293	1653	1616	1375	509	245	137	8743	
MC HENRY 5 N	31	61	305	664	936	1367	1753	1669	1498	442	256	120	9102	
MC LEOD 3 E	15	15	209	571	852	1349	1632			377	156	99		
MEADORA 4 NNE	26	20	248	633	791	1174	1487	1452	1214	493	261	157	7956	
MINOT CAA AP	40	45	344	644	863	1231	1675	1630	1475	547	313	137	8944	
MINOT EXP STATION							1739	1675	1501	559	293	157		
MOFFIT 4 SE	21	25	221	615	849	1271	1563	1567	1291	462	221	139	8245	
MOHALL	47	61	343	682	905	1271	1792	1725	1625	556	295	136	9438	
MOTT	21	39	300	646	812	1165	1454	1479	1222	493	265	177	8073	
MUNICH 4 SW	39	75	355	695	943	1424	1872	1713	1684	579	321	147	9897	
NAPOLEON	19	17	235	621	854	1309	1572	1601	1313	434	204	126	8305	
NEW ENGLAND	24	26	270	651	797	1154	1446	1477	1225	507	265	168	8010	
NEW SALEM 1 S	11	33	287	638	840	1193	1526	1549	1267	487	237	152	8220	
NEWTOWN	30	23	305	643	812	1226	1606	1551	1369	535	264	140	8504	
OAKES							1662	1634	1381	442	185	96		
PARK RIVER	25	41	276	587	920	1342	1785	1658	1600	446	233	71	8984	
PARSHALL	38	31	315	646	853	1272	1662	1578	1401	547	269	166	8780	
PEMBINA 2 N	22	8	258	564	922	1429	1873	1791	1735	475	228	74	9479	
PETTERSBURG	32	47	338	651	974	1443	1814	1663	1575	476	257	98	9368	
PETTINGHNE	31	30	273	678	914	1316	1653	1675	1401	489	250	131	8841	
PORTAL							1776	1716	1683	648	361	170		
POWERS LAKE 1 N	64	54	371	703	909	1345	1748	1678	1585	630	232	164	9483	
RAUB 10 SSW	28	18	247	602	776	1202	1546	1550	1332		264	145		
RICHARDTOWN ABBEY	26	18	248	606	764	1125	1475	1490	1228	457	234	155	7826	
RIVERDALE							1622	1631	1395	552	272	151		
ROLLA	51	101	400	716	982	1354	1827	1681	1659	606	372	158	9907	
RUGBY	31	33	289	624	895	1283	1735	1650	1513	488	264	97	8902	

See reference notes following Station Index.

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1954-1955

NDRTH DAKOTA
JUNE 1955

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	NDRMAL JULY-JUNE
SAN HAVEN	41	69	348	691	930	1331	1787	1621	1597	585	319	136	9455	
SHARON	32	48	309	641	945	1402	1756	1654	1518	470	242	91	9108	
STANLEY	49	36	368	701	891	1311	1700	1649	1513	604	359	171	9352	
STEELE	29	26	240	609	855	1256	1560	1570	1298	437	216	120	8216	
TIOGA 1 E												181		
TOWNER	25	64	353	663	939	1304	1777	1642	1494	535	294	145	9235	
TURTLE LAKE	26	19	269	634	871	1256	1639	1586	1342	477	241	134	8494	
UNDERWOOD							1646	1642	1428	559	283	153		
UPHAM 3 N	36	47	333		904	1309	1803	1688	1630	530	255	131		
VALLEY CITY	18	21	226	575	864	1315	1647	1552	1398	414	173	80	8283	
VELVA	31	38	306	622	849	1230	1661	1579	1389	494	241	143	8583	
WAMPETON STATE SCHOOL	11	11	184	563	832	1335	1624	1569	1340	352	128	53	8002	
WASHBURN	23	25	250	588	816	1221	1575	1567	1289	459	219			
WATFORD CITY	30	21	291	626	783	1187	1527	1486	1310	517	258	137	8173	
WATFORD CITY 14 S	25	15	253	600	725	1140	1513	1440	1238	492	217	129	7787	
WESTHOPE	48	62	374	706	945	1314	1860	1744	1694	580	330	159	9816	
WILLISTON WB CITY	36	20	304	603	776	1171	1573	1551	1359	529	247	129	8348	9068
WILLOW CITY	34	66	340	696	936	1355	1854	1744	1663	563	301	140	9692	
WILTON	33	34	300	657		1263	1609	1575	1342	471	282	191		
WISHEK	22	30	246	640	834		1606	1729	1336	464	204	125		

COMPUTATION OF DEGREE DAY DATA FOR STATIONS MAKING MORNING OBSERVATIONS WAS NOT STARTED UNTIL JANUARY 1, 1955.

EVAPORATION AND WIND

Table 6

Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEVILS LAKE WB CITY	EVAP WIND	.09 42	.07 23	.04 17	.15 60	.17 22	.12 66	.12 23	.02 67	.06 76	.02 55	.03 47	.13 21	.19 17	.29 34	.28 42	.29 45	.15 40	.14 49	.21 37	.34 79	.27 55	.22 36	.19 29	.18 25	.30 26	.30 37	.25 51	.21 49	.30 35	.25 62	5.38 1267	
EOGELEY EXP FARM	EVAP WIND	.58 92	.15 97	.36 49	.12 73	.26 59	.18 35	.08 52	.21 34	.17 129	- 182	.18 166	.30 104	- 37	.26 16	.22 47	.25 29	.25 70	.21 54	.19 38	.35 63	.33 46	.31 55	.33 75	.36 67	.21 35	.38 52	.38 54	.30 91	.35 61	8.208 2078		
MANDAN EXP STATION (A)	EVAP WIND	.27 132	.16 120	.06 46	.12 82	.12 74	.14 101	.22 126	.10 94	.13 284	.03 230	.04 150	.03 102	.11 57	.29 101	.09 152	.22 120	.17 87	.12 83	.17 55	.24 80	.23 78	.18 55	.18 30	.23 92	.18 69	.23 100	.27 146	.13 82	.16 40	.32 129	4.94 3097	
RIVERDALE	EVAP WIND	.20 -	.24 -	.10 -	.19 -	.18 -	.13 -	.25 -	.15 -	.06 -	.08 -	.06 -	.05 -	.17 -	.32 120	.31 151	.31 114	.27 87	.23 58	.22 33	.26 71	.29 49	.29 36	.27 25	.33 73	.28 100	.30 128	.35 164	.27 78	.23 50	.36 129	6.75 -	

(A) PAN 6 FT IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

CLIMATOLOGICAL DATA

NORTH DAKOTA
DELAYED DATA

TABLE 2

Station	Temperature													Precipitation											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days				
										Max.	Min.	90° or Above	32° or Below					32° or Below	32° or Below	Total	Max. Depth on Ground	Date	.18 or More	.50 or More	1.00 or More
JANUARY 1955	24.5	3.4	14.0	+ 5.8	35	7+	-18	26	1575	0	27	31	8	.10	- .22	.04	8	1.3			0	0	0		
MIDDLE DIVISION WASHBURN																									

DAILY PRECIPITATION

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
DECEMBER 1954 GLEN ULLIN 13 N	.04	.02																													.02	T
JANUARY 1955 WASHBURN	.10								.04						.01				.02		T	T		.03	T							

DAILY TEMPERATURES

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JANUARY 1955		31	21	28	31	29	29	35	31	22	21	25	9	35	35	25	22	23	25	24	22	18	17	13	25	25	22	12	12	27	34	32	24.5
WASHBURN	MAX MIN	9	1	6	6	2	1	9	12	10	4	2	-1	-2	16	8	-8	0	8	2	11	5	3	3	6	-2	-18	-14	-14	8	12	20	3.4

STATION INDEX

NORTH DAKOTA
JUNE 1955

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables
Adams 7 S	0022	Walsh	10 48 20	98 06			6P	Myron J. Bata	3	Menville	5833	Forster	5 47 20	99 02	1625	6P	Edgar S. Stangmeier		
Alexander	0098	McKenzie	13 47 50	103 38	2200	7P	6P	Arthur J. Bauman	3	Minot CAA AP	5988	Ward	12 48 15	101 17	1722	WIO	U.S. Civil Aero Adm	2 3 5 7 C	
Almont 7 W	0136	Morton	4 46 43	101 39	2360	7P	7P	Bogun Rasmussen	2 3 5 7	Minot Exp. Station	5993	Ward	12 48 10	101 18	1720	8A	N.C. Agri. Exp. Sta.	2 3 5 7 C	
Alton 3 N	0159	Divide	10 48 20	98 06			3P	U.S. Weather Bureau	3	Worrit 4 SE	6015	Burdick	8 46 29	99 45	1855	6P	Ed C. Frank	2 3 5 7 C	
Assaria	0198	Chase	11 47 00	97 13	2600	8B	8B	Virgil L. Gohms	2 3 5 7	Mohall	6025	Renville	12 48 46	101 31	1639	9P	Ivor Johnson	2 3 5 7 C	
Amdon	0209	Slope	1 46 29	103 19	2910	8A	8A	Adrian R. Waller	2 3 5 7 C	Montpelier	6105	Stutman	5 46 42	98 35	1379	6P	Rolf Naeon	3 7	
Antler	0263	Bottineau	12 48 58	101 20	1540			W.D. B. Wegner		Mott	6155	Ruttinger	1 46 23	102 20	2420	8S	Forrest E. Coffing	2 3 5 7 C	
Arvilla State Park	0369	Grand Forks	10 47 56	97 30	1960	6P	6P	Albert Thoren	2 3 5 7	Munich 4 SW	6195	Cavaller	2 48 38	98 53	1588	7P	Raford Feldner	2 3 5 7 C	
Baldhill Dam	0450	Barne	11 47 02	98 02	1300			SS Soco Line Agent	2 3 5 7 C	Napoleon	6255	Logan	8 46 29	99 45	1855	6P	George Postel	2 3 5 7 C	
Balfour	0492	McHenry	12 47 57	100 32	1615			MID Raymond E. Keller	3	New Rockford 7 NW	6355	Eddy	5 47 43	99 16	1550	6P	Richard Steinbach	3	
Balta	0500	Pierce	11 48 10	100 02	1550			6P Anton Schmitz	3	New Salm 1 S	6365	Morton	4 46 50	101 25	2163	6P	William F. Gehe	2 3 5	
Bantry	0516	McHenry	12 48 30	100 36	1458			9A Temple K. Roberts	2 3 5 7 C	Newton	6383	Mountrail	8 47 59	102 29	1905	6P	Krain A. Ventsch	2 3 5 7 C	
Beach	0590	Golden Valley	7 46 55	104 01	2514	6A	6A	Belen Tobias	2 3 5 7 C	Noonan	6455	Divide	12 48 53	102 01	1860	6P	George Postel	2 3 5 7 C	
Belcourt Indian Res.	0626	Rolette	9 48 50	99 45	1400	7P	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C	Northgate	6535	Burke	12 49 00	102 16	1850	WIO	U.S. Customs Sta.	3	
Bellevue	0639	Stark	4 46 53	103 11	2592	7P	7P	Carl Undergaard	2 3 5 7	Northwood	6565	La Moure	5 46 33	98 44	1508	6P	Henry L. Erickson	3	
Berthold	0729	Ward	12 48 19	101 44	2080	6A	6A	Joseph S. Cox	2 3 5 7 C	Oakes	6620	Dickey	5 46 08	98 05	1320	8A	E. Carrie Murray	2 3 5 7 C	
Bismarck	0766	Merced	6 47 16	101 47	1760	6A	6A	Mont. Dak. Util. Co.	2 3 5 7	Park River	6657	Walsh	10 48 23	97 45	998	5P	Martin Severson	2 3 5 7 C	
Bismarck WB Airport	0819	Burdick	2 48 37	99 22	2050	6P	6P	Robert J. Erick	2 3 5 7	Pearshall	6667	Mountrail	12 48 53	102 01	1860	6P	George Postel	2 3 5 7 C	
Bismarck 12 ENH	0827	Burdick	8 46 51	100 33	1709	5P	5P	U.S. Weather Bureau	2 3 5 7 C	Pemhina 2 N	6947	Pemhina	10 49 00	97 14	790	4P	MID U.S. Customs & Imm.	2 3 5 7 C	
Bottineau	0841	Bottineau	12 48 50	100 27	1648	8A	8A	N.D. Sch. of Pretry	2 3 5 7	Petersburg	7027	Nelson	10 48 01	98 00	1854	5P	Rev. Odeon Mosen	2 3 5 7 C	
Bozella	0951	Burke	12 48 10	103 15	2180	6A	6A	Chas. L. Adams	2 3 5 7	Pethbone	7047	Kidder	8 47 07	99 31	1525	7P	Arthur J. McKay	2 3 5 7 C	
Brown Court House	0995	Bowman	3 46 11	103 23	2810	5P	5P	O. B. Hook	2 3 5 7	Plagnon	7117	Stutman	5 47 10	98 54	1572	6P	Jerry W. Tinsley	2 3 5 7 C	
Brown 11 SE	0998	Bowman	3 46 04	103 19	2860	7P	7P	Bernard L. Doegala	2 3 5 7	Portau	7201	Burke	12 49 00	102 33	1954	9A	U.S. Customs Serv.	2 3 5 7 C	
Brown 30 NW	1001	Slope	7 46 35	103 31	2505			5P John B. Hanson	3	Poudre Lake 1 N	7281	Burke	8 48 34	102 38	2205	7P	Rehert J. Clark	2 3 5 7 C	
Brown 5 S	1052	Morton	1 46 24	100 36	1750			MID Frank E. Potter	3	Pretty Rock	7311	Grant	1 48 11	101 51		6P	Freda Leer	3 7	
Buckman	1214	Stutman	12 48 07	98 48	1900	6A	6A	W. B. Henderson	2 3 5 7	Rauh	7405	McLean	8 47 44	102 04	1865	6P	Alvin Larson	2 3 5 7 C	
Burt 16 N	1216	Battling	1 46 36	102 08	2344			6P Jacob Grunhele	2 3 5 7	Reeder 10 SEW	7450	Adams	3 46 06	102 57	2810	6P	A. W. Kittelson	2 3 5 7 C	
Butte	1225	McLean	12 47 50	100 40	1880	8A	8A	E. R. Ward	2 3 5 7	Reeder 14 N	7452	Blopp	1 46 19	102 57	2860	6P	Chas. W. Metzinger	3	
Cando	1288	Towner	2 48 29	99 12	1486			MID Barry E. Harris	2 3 5 7	Richardson Abbey	7530	Stark	4 46 58	102 19	2470	5P	Assumption Abbey	2 3 5 7 C	
Carrington	1360	Forster	5 47 27	99 08	1581	8A	8A	Andrew C. Beitz	2 3 5 7	Riverton	7585	McLean	8 47 30	101 21	1910	8A	Corps of Engineers	2 3 5 7 C	
Cass	1365	Grant	4 46 25	101 34	2310	6A	6A	W. D. Drummond	2 3 5 7	Riverton	7625	Cavaller	12 48 49	99 50	1625	6P	David E. Madson	2 3 5 7 C	
Carson No. 2	1370	Grant	4 46 25	101 34	2310	8A	8A	W. D. Drummond	2 3 5 7	Rolla	7664	Rolette	9 48 52	99 37	1819	7P	Thos. H. Fagerlund	2 3 5 7 C	
Cavaler	1435	Pemhina	9 48 48	97 38	2899	6P	6P	Willin Hansen Pico	2 3 5 7	Rushby	7704	Pierce	12 48 22	100 00	2000	6P	Frank Hornstun	2 3 5 7 C	
Centar	1456	Oliver	8 47 07	101 18	2100	7P	7P	Fred L. Heinz	2 3 5 7	Hyder	7749	Ward	8 47 55	101 04	2108		6P S. C. Schellenbaum	3	
Colgate	1686	Steels	5 47 14	97 39	1180			6P John P. Burdick	3	Sas Haven	7824	Hollette	12 48 50	100 02	2001	6P	N.D. State Hospital	2 3 5 7 C	
Cooperstown	1696	Burke	12 48 14	102 47	1930	6P	6P	J. D. Sunder	2 3 5 7	Shaw 1 SW	7844	Cavaller	5 47 28	98 24	1634	6P	Edward Souda	2 3 5 7 C	
Courtenay	1766	Griggs	11 47 26	98 07	1428	5P	5P	Deland M. Marson	2 3 5 7	Scranton	7932	Bowman	3 46 09	103 09	2776	6P	Frank Tim	2 3 5 7 C	
Courtenay	1818	Stutman	5 47 13	98 34	1523	3P	3P	G. H. Banasalt	3	Selbridge 11 W	7952	Sioux	8 46 01	101 10	2183	7P	L. E. Wilson	2 3 5 7 C	
Crosby	1871	Divide	12 48 54	103 18	1950	6P	6P	Vernon V. Nichole	2 3 5 7 C	Sentinel Butte 20 S	7976	Golden Valley	7 46 37	103 49	2662	7P	G. E. Bury	2 3 5 7 C	
Crowley	1881	Kidder	8 46 52	99 48	1734			MID Ralph W. Wise	2 3 5 7 C	Sharon	7986	Steels	10 47 38	97 54	1516	6P	Rugh Lyon	2 3 5 7 C	
Crowley Lake WB City	2119	Stark	2 48 07	98 52	2250	6P	6P	U.S. Weather Bureau	2 3 5 7 C	Shearwood 3 N	8047	Remick	12 48 00	101 38	1847	6P	U.S. Customs Serv.	2 3 5 7 C	
Dickinson CAA AP	2183	Stark	4 46 47	102 48	2589	MID	MID	U.S. Civil Aero Adm	2 3 5 7 C	Shenando	8057	Eddy	11 47 50	99 07	1480	MID	Alvin B. Kennedy	3	
Dickinson Exp. Station	2188	Stark	4 46 53	102 48	2648	7A	7A	Dickinson Exp. Sta.	2 3 5 7 C	Shields	8065	Grant	1 46 14	101 07	1806	6P	Jane W. Rodenbaugh	2 3 5 7 C	
Dodge	2242	Ward	12 48 31	101 53	1750	6P	6P	Fred E. Feldner	3	Stanley	8276	Mountrail	8 48 19	102 24	2260	7P	Leroy Edwards	2 3 5 7 C	
Dunkley	2258	McHenry	12 47 55	100 32	1634	8A	8A	E. J. Evans	2 3 5 7	Steels	8366	Kidder	8 46 51	99 55	1857	6P	Steels Edna Pres	2 3 5 7 C	
Dunsmuir	2310	Dunsmuir	6 47 24	102 38	2135	7A	7A	Chas. L. Adams	2 3 5 7	Steele	8608	Walsh	5 47 28	98 24	1634	6P	W. R. Ellingson	2 3 5 7 C	
Eckman 2 SE	2472	Bottineau	12 48 39	101 01	1495	8S	8S	John H. Zurcher	2 3 5 7	Tague	8627	Mountrail	12 48 20	101 56	2179	6P	W. R. Ellingson	2 3 5 7 C	
Eggen Exp. Farm	2482	La Moure	5 46 20	99 42	1568	8A	8A	N.D. Agri. Exp. Sta.	2 3 5 7 C	Taliga 1 B	8737	Williams	12 48 24	102 55	2425	8A	Signal Oil & Gas Co.	2 3 5 7 C	
Eldora 1 W	2525	Ramsey	2 48 25	98 29	1520	3P	3P	Mike Davis	2 3 5 7	Tolley 3 NE	8764	Renville	12 48 46	101 47	1762	7P	Butt Mem. Boys Home	3	
Elin 5 S	2592	Grant	1 46 21	101 49	2241	6P	6P	Art A. Elinger	2 3 5 7	Towner	8792	McHenry	12 48 21	100 24	1482	7P	August B. Rider	2 3 5 7 C	
Emery	2605	Dickey	9 48 31	98 11	1460	8P	8P	Paul Greene	2 3 5 7	Trotter 6 NW	8807	McKenzie	12 47 21	104 01	2420	6P	Walter Grunwald	2 3 5 7 C	
Enderlin	2695	Ransom	11 46 38	97 36	1120	7A	7A	Leonard Peterson	2 3 5 7	Trotters 3 S	8812	Golden Valley	13 47 17	103 54	2420	MID	John O. Nellum	2 3 5 7 C	
Epping	2735	Williams	8 48 17	103 21	2224			S. F. Carpenter	2 3 5 7	Turtle Lake	8840	McLean	8 47 31	100 53	1999	6P	Kauts Sondral	2 3 5 7 C	
Esmond	2767	Benson	11 48 02	99 46	1650			MID Lyle O. Fering	2 3 5 7	Tuttle	8850	Kidder	8 47 08	100 00	1880	5P	Theodore C. Ochsner	3	
Fairfield	2859	Hillings	7 47 24	103 23	2750	6P	6P	John Peterson	2 3 5 7	Underwood	8872	McLean	8 47 27	101 08	2026	7A	Clarence F. Johnson	2 3 5 7 C	
Fargo WB Airport	2869	Cass	10 46 54	96 48	1985	MID	MID	U.S. Weather Bureau	2 3 5 7 C	Valley City 1 N	8913	McHenry	12 48 37	100 44	1425	5P	U.S. Wildlife Ref.	2 3 5 7 C	
Farmstead	2949	Wells	5 47 39	99 37	1620	6P	6P	Emil B. Rust	2 3 5 7	Valley City 1 S	8937	Barne	11 46 55	100 55	1229	6P	E. C. Robertson	2 3 5 7 C	
Fletcher	3009	Morton	1 46 27	101 14	1930	8A	8A	George W. Sinclair	2 3 5 7	Velva	8990	McHenry	12 48 03	100 50	1511	6P	Oscar Anderson	2 3 5 7 C	
Flaxton	3019	Burke	12 48 54	102 23	1940	6P	6P	Palmer M. Duhon	3	Verona	9035	La Moure	5 46 22	98 05	1382	6P	Warren O. Tang	3	
Forbes 13 NW	3064	Dickey	9 48 36	98 36	1895	6P	6P	John Peterson	2 3 5 7	Wahpeton Power Plant	9096	Richland	10 47 16	96 36	962	6P	Victor Burton	2 3 5 7 C	
Forman	3117	Sargent	10 46 06	97 39	1249	6P	6P	Art Waterman	2 3 5 7	Wahpeton State School	9100	Richland	10 46 18	96 36	962	6P	St. Sch. of Scienc	2 3 5 7 C	
Fort Yates	3207	Sioux	8 46 06	100 38	1640	5P	5P	Soll Conservationist	2 3 5 7 C	Walhalla	9155	Pemhina	9 48 55	97 55	990	6P	Felix A. Gaston	2 3 5 7 C	
Fortval 7 W	3217	Ward	12 48 27	101 34	1698	5P	5P	U.S. Wildlife Ref.	2 3 5 7 C	Warwick	9155	Benson	11 47 51	98 42	1475	6P	Virgil B. Johnson	3	
Fryburg 1 NE	3277	Hillings	5 46 53	103 18	2742			MID Elmer Stuchiller	2 3 5 7	Watford City 14 S	9246	McKenzie	7 47 36	103 17		5P	Thos. Roosevelt NMP	2 3 5 7 C	
Fullerton	3287	Dickey	5 46 07	98 25	1471	6P	6P	Robert A. Gies	2 3 5 7	Watford City 14 S	9246	McKenzie	7 47 36	103 17		5P	Thos. Roosevelt NMP	2 3 5 7 C	
Gackle	3309	Logan	5 46 38	99 08	1751	6P	6P	Alvin Bussell	2 3 5 7	Watford City 14 S	9246	McKenzie	7 47 36	103 17		5P	Thos. Roosevelt NMP	2 3 5 7 C	
Garrison	3376	McLean	8 47 38	101 25	1911	7A	7A	Albert J. Seirele	2 3 5 7	Watford City 14 S	9246	McKenzie	7 47 36	103 17		5P	Thos. Roosevelt NMP	2 3 5 7 C	
Glen Ullis	3496	Morton	4 46 49	101 48	2090</														

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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NWRC, ASHEVILLE, N. C. -- 6-10-55 -- 880

CORRECTIONS

May 1954: Edgeley Experiment Farm, Table 2, mean maximum should be 63.7, mean minimum 36.1, mean 49.9, and departure -4.5.

Edgeley Experiment Farm, Table 5, maximum on 31st should be 72 and minimum 50. Mean maximum should be 63.7 and mean minimum 36.1.

November 1954: McClusky, Table 2, total precipitation should be 0.24, departure -0.31, and days .50 or more 0.

McClusky, Table 3, precipitation on the 26th should be .05, 27th .12, and total .24.

December 1954: Newtown, Table 2, temperature departure from normal should be +11.6 and precipitation departure -0.38.

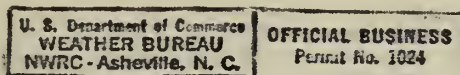
January 1955: Moball, Table 2, date of greatest snow depth should be 24+.

SS 1.05
UNNT
Cap. 2

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA



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JULY 1955
Volume LXIV No. 7



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WEATHER SUMMARY

July temperatures averaged 71.4° or 1.8° above normal. Rainfall averaged 3.18 inches or 29% more than normal. Temperatures were a little too high for the best development of small grains. Late crops such as corn, soybeans, sugar beets, potatoes, and alfalfa made satisfactory progress under favorable moisture conditions and warm July temperatures.

Brief warm spells and cool spells alternated throughout the month. The 8th to 10th were especially cool and most stations registered their lowest temperatures on the 9th. In general, minimums ranged from the upper 30's in the northern counties to the lower 50's in the extreme southeast. The lowest temperature was 35° at Lostwood and Mohall on the 9th. An especially warm spell lasted from the 18th to 22d. Most stations registered their highest temperatures during this period. Maximums ranged from the middle 90's over the extreme north central part of the State and at a few stations in the southeast portion to over 100° at many stations in the central and western divisions and at a few northeastern stations. The highest temperature for the State was 106° at Raub on the 21st. Mean monthly temperatures ranged from 67.0° at Belcourt Indian Reservation to 76.9° at Ft. Yates. Monthly mean temperatures at most stations in the eastern half of the State were 2.0° or more above the normals. Over the western half of North Dakota, the mean monthly temperatures were, in general, less than 2.0° above the normals for the stations. The temperatures at a few stations in the western part of the State averaged less than the station normals.

Light to locally heavy scattered showers were frequent during the first half of the month. Other dates of scattered showers were the 21st, 26th, 28th, and 29th. Many stations in the eastern part of the State received 24-hour amounts exceeding 1.00 inch on one or more days. A few western stations received such amounts. Monthly totals ranged, in general, from less than 2.00 inches over most counties in the extreme west and at scattered stations in the north central part to over 4.00 inches over most southeastern counties and at a few scattered locations in the extreme north.

The least monthly total was 0.74 inch at Dunn Center; the greatest, 9.40 inches at Enderlin. The southeastern part of the State received above-normal amounts of rain during the month. Elsewhere, the pattern was mixed with areas of below-normal rainfall amounts and areas of above-normal amounts arranged in a rather whimsical fashion.

July weather was favorable for most crop growth. Rainfall was well spaced and timely. Amounts were generally adequate. The combination of adequate rainfall and warm temperatures advanced crops rapidly. Temperatures were a little too high for the best development of small grain, especially barley. Harvesting made satisfactory progress. Range and pasture feeds deteriorated slightly during the month. Hay and alfalfa supplies were adequate in almost all parts of the State. Livestock was better than average.

Lucius W. Dye

STORMS

More than the average number of severe storms occurred in North Dakota during July 1955. Four tornadoes were reported. The first tornado occurred on July 1 in Emmons County. Eight farm buildings were demolished and 100 chickens were killed on one farm. The most severe tornado of the month occurred in Richland County, 7 miles south and 2 miles west of Walcott on July 2. The storm zigzagged from west to east. Buildings were blown many miles from their foundations, heavy machinery was moved, and farm animals were carried away. The path was about 12 miles long. Two persons were killed and eight others were injured. Property and crop damage amounted to more than \$100,000. On July 5 a tornado was reported in Mountrail County. A farmhouse, barn, and garage were destroyed and some hogs and poultry killed. Damage was estimated at less than \$25,000. On July 6 a small tornado occurred in Morton County. Damage was slight. Damage from hail, straight line winds, and heavy rain was above average with nearly all of the storms occurring during the first week. The storms were reported from all sections of the State. Damage from the hail, wind, and flooding amounted to more than a million dollars, mostly to crops. Heaviest damage occurred in Bottineau, Cavalier, Pembina, and some southwest counties.

F. J. Bavendick

SUPPLEMENTAL DATA

NORTH OAKOTA
JULY 1955

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
BISMARCK W8 AIRPORT	E	16	11.2	59	SW	6	80	86	53	52	5	5	5	0	0	0	15	75	4.9
DEVILS LAKE W8 CITY	-	-	7.7	29	S	6	-	-	-	-	6	4	5	0	0	0	15	65	5.5
FARGO W8 AIRPORT	SSE	15	13.3	54	W	8	85	90	57	59	4	5	5	3	2	0	19	71	5.0
WILLISTON W8 CITY	-	-	7.6	30	NW	6	-	82	51	46	7	8	3	0	0	0	18	69	5.0

COMPARATIVE DATA

Table 1

JULY

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall
1892	68.7	108	31	3.23	.0	1917	70.9	114	27	1.54	.0	1942	67.1	97	36	2.43	.0
1893	69.5	112	35	2.04	.0	1918	65.5	102	34	2.73	.0	1943	70.5	103	41	2.72	.0
1894	71.7	107	38	0.63	.0	1919	71.2	105	37	1.86	.0	1944	67.6	102	33	1.74	.0
1895	66.1	102	29	2.90	.0	1920	68.3	103	31	2.11	.0	1945	67.8	102	30	2.31	.0
1896	67.5	107	31	1.51	.0	1921	71.4	110	35	3.07	.0	1946	70.6	110	34	2.17	.0
1897	68.9	109	38	4.43	.0	1922	65.6	100	30	2.48	.0	1947	70.4	103	33	1.79	.0
1898	67.6	106	28	2.49	.0	1923	71.2	103	35	3.05	.0	1948	69.3	108	34	4.04	.0
1899	68.3	109	32	2.34	.0	1924	65.5	99	32	1.93	.0	1949	69.5	111	30	3.56	.0
1900	67.9	107	33	2.25	.0	1925	66.7	106	29	1.35	.0	1950	66.1	100	36	1.92	T
1901	70.8	110	40	4.28	.0	1926	70.3	108	32	2.04	.0	1951	68.2	105	33	1.94	T
1902	67.6	106	34	2.15	.0	1927	65.4	97	28	2.84	.0	1952	67.8	105	34	2.79	T
1903	66.7	109	26	2.23	.0	1928	67.4	96	38	4.82	.0	1953	68.1	97	38	1.51	T
1904	64.4	102	34	2.13	.0	1929	70.6	109	34	1.27	.0	1954	70.4	107	35	1.92	T
1905	65.6	100	32	3.78	.0	1930	72.3	107	34	1.04	.0	1955	71.4	106	35	3.18	T
1906	66.9	102	34	1.56	.0	1931	70.6	111	37	3.03	.0						
1907	65.8	103	31	3.06	.0	1932	70.0	108	36	1.95	.0						
1908	68.6	103	31	1.91	.0	1933	71.9	109	36	2.00	.0						
1909	67.1	99	34	2.73	.0	1934	71.8	112	29	1.22	.0						
1910	70.0	114	33	1.60	.0	1935	73.8	110	46	4.41	.0						
1911	65.1	107	23	1.70	.0	1936	79.9	121	38	0.70	.0						
1912	66.0	106	30	3.66	.0	1937	71.7	111	40	2.93	.0						
1913	65.6	103	35	2.22	.0	1938	69.7	104	39	3.34	.0						
1914	72.1	109	36	2.17	.0	1939	72.6	108	37	1.81	.0						
1915	62.3	97	30	3.13	.0	1940	71.6	107	37	3.70	.0						
1916	73.1	105	33	2.96	.0	1941	70.8	106	34	1.76	.0						

AVERAGES FOR THE PERIOD 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature										Precipitation														
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days				
											Max.	Min.	30° or Above	32° or Below					32° or Below	0° or Below	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
EASTERN DIVISION																										
AMENIA		85.0M	62.2M	73.6M	3.7	98	25+	49	9	5	0	0	0	4.11	1.42	0.81	11	0.0	0		9	5	0	0		
ARVILLA STATE PARK		85.5	61.5	73.5		100	21	41	9	9	10	0	0	3.07		1.03	26	0.0	0		8	2	1	0		
CARRINGTON	AM	82.3	58.6	70.5	1.1	99	22	43	9	15	4	0	0	2.43	- 0.18	0.66	26	T	0		6	3	0	0		
CAVALIER		84.5	60.0	72.3	3.3	98	21	45	9	10	9	0	0	4.47	1.83	2.74	6	0.0	0		6	2	1	0		
COOPERSTOWN		85.5	59.9	72.7	3.1	98	21	43	9	5	10	0	0	2.79	- 0.20	0.82	26	0.0	0		8	2	0	0		
DEVILS LAKE W8 CITY	R	82.7	59.8	71.3	2.0	100	21	43	9	14	8	0	0	1.74	- 0.93	0.49	6	0.0	0		5	0	0	0		
EDGELEY EXP FARM	AM	83.2	60.6	71.9	2.0	94	22	49	1	5	5	0	0	8.08	5.51	3.10	4	0.0	0		10	4	3	0		
EDMORE 1 W		82.0	57.5	69.8	2.3	99	21	40	9	21	6	0	0	2.92	0.08	0.85	2	0.0	0		8	2	0	0		
ELLENDALE		86.9	61.6	74.3	3.4	97	25	50	9	6	12	0	0	5.00	2.35	1.17	29	0.0	0		7	5	2	0		
ENOERLIN	AM	84.4	62.0	73.2		96	26	49	9	4	6	0	0	9.40		4.55	4	T	0		8	5	3	0		
FARGO W8 AP	R //	85.0	64.0	74.5	3.2	97	25	52	9	3	9	0	0	6.86	4.55	1.67	12	0.0	0		10	5	2	0		
FORMAN		87.5	62.9	75.2	5.1	96	21+	51	9	5	13	0	0	7.06	4.18	2.16	11	T	0		9	5	3	0		
FULLERTON		86.6	62.4	74.5	4.3	98	21	50	9	6	10	0	0	5.73	2.85	1.78	10	T	0		8	5	2	0		
GACKLE		84.5	59.5	72.0	2.0	96	21	47	9	11	6	0	0	3.70	1.02	1.13	4	T	0		9	2	1	0		
GRAFTON		85.4M	59.9	72.7M	3.9	98	21	43	9	10	0	0	0	2.40	- 0.36	0.58	31	0.0	0		7	2	0	0		
GRAND FORKS CAA AP	R	85.1	61.2	73.2	4.7	99	30	46	9	7	13	0	0	4.30	1.52	1.20	12	0.0	0		6	3	2	0		
GRAND FORKS UNIVERSITY		84.2	61.3	72.8	4.3	97	21	45	9	8	6	0	0	5.02	2.24	1.23	12	0.0	0		7	4	3	0		
GRAND RAPIDS 1 N		85.9	61.1	73.5		96	21	48	1+	3	10	0	0	8.66		2.26	4	0.0	0		9	5	3	0		
HANKINSON R R STATION	AM	84.6	63.7	74.2	2.8	97	26	52	9	3	9	0	0	3.84	- 0.97	1.41	11	0.0	0		8	3	1	0		
HANNAH		80.6	56.5	68.6	2.4	96	21	38	9	33	4	0	0	1.88	- 0.55	0.92	6	0.0	0		6	1	0	0		
HILLSBORO		86.3	62.3	74.3	3.6	97	21+	48	9	4	11	0	0	4.19	1.55	0.65	12	0.0	0		11	3	0	0		
JAMESTOWN CAA AP	R //	82.9	60.7	71.8	2.2	95	21	48	9	10	6	0	0	5.80	3.10	1.78	1	T	0		10	4	2	0		
JAMESTOWN STATE HOSP		85.0	62.3M	73.7M	4.1	99	21	48	9	9	11	0	0	6.15	3.45	1.32	1	T	0		10	5	3	0		
KENSAL WILDLIFE REFUGE		85.9	60.4	73.2		99	21+	42	9	9	8	0	0	4.08		1.15	11	T	0		8	4	1	0		
LANGOON EXP FARM		82.3	57.2	69.8	3.5	96	21	40	9	21	4	0	0	4.87	2.37	3.00	6	T	0		8	2	1	0		
LARIMORE		85.1	60.8	73.0	4.9	99	21	43	9	9	11	0	0	3.07	0.13	0.97	2	0.0	0		8	2	0	0		
LISBON		85.7M	63.3	74.5M	4.1			52	1+	3	9	0	0	6.73	3.83	2.72	4	0.0	0		8	4	2	0		
MAYVILLE		84.5	62.1	73.3	3.1	96	21+	47	9	5	8	0	0	4.34	1.63	0.72	12	0.0	0		9	4	0	0		
MC HENRY 5 N		83.4	59.1	71.3	3.2	99	21	41	9	14	6	0	0	1.68	- 1.12	0.68	26	0.0	0		5	1	0	0		
MC LEOD 3 E		86.4	62.9	74.7	3.3	96	21+	50	1+	2	9	0	0	5.83	2.98	1.45	4	T	0		11	3	0	0		

CLIMATOLOGICAL DATA

NORTH DAKOTA
JULY 1955

TABLE 2 - CONTINUED

Station		Temperature											Precipitation													
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days				
											Max.	Min.	90° or Above	32° or Below					32° or Below	0° or Below	Total	Max. Depth on Ground	Date	16 or More	50 or More	100 or More
MUNICH 4 SW		79.5M	56.0	67.8M						37						3.72		1.73	6	T	0		9	1	1	
OAKES	AM	84.3	63.2	73.8	2.1	95	6	51	9+	2	7	0	0	0	0	4.70	1.85	1.11	30	T	0		10	4	1	
PARK RIVER		85.7	60.9	73.3	4.8	99	21	44	9	9	10	0	0	0	0	2.58	- 0.03	0.59	6	0.0	0		8	3	0	
PEMBINA 2 N		87.3M	60.2M	73.8M	6.0	96	21+			3	10	0	0	0	0	6.72	4.31	3.71	6	0.0	0		6	4	2	
PETERSBURG																										
SHARON		82.5M	60.8M	71.7M	0.9	95	21	44	9	12						3.33	0.64	1.14	26	T	0		8	2	1	
VALLEY CITY		85.9	62.2	74.1	4.0	97	30	48	9	4	10	0	0	0	0	3.70	0.98	1.08	8	0.0	0					
WAHPETON STATE SCHOOL		88.2	61.4	74.8	3.9	97	21+	47	24	0	11	0	0	0	0	5.08	2.13	1.32	4	0.0	0		10	4	2	
DIVISION				72.8	3.4											4.60	1.79			T						
MIOOLE DIVISION																										
ASHLEY		84.6	60.3	72.5	2.8	97	21	49	1+	11	9	0	0	0	0	3.17	0.51	0.74	4	0.0	0		9	1	0	
BELCOURT INDIAN RES		79.6	54.4	67.0		95	21	36	9	42	3	0	0	0	0	1.93		0.47	6	T	0		6	0	0	
815BEE		82.9	57.1	70.0	2.6	98	21	42	9	18	5	0	0	0	0	2.18	- 0.52	0.92	6	0.0	0		7	1	0	
BISMARCK WB AP	R //	85.6	60.6	73.1	1.0	100	21	47	9	9	10	0	0	0	0	1.68	- 0.65	0.43	28	T	0	3	5	0	0	
BOTTINEAU	AM	80.1	57.1	68.6	1.0	93	22	40	9	32	3	0	0	0	0	4.55	2.16	3.38	7	T	0		5	1	1	
BUTTE	AM	81.5M	57.6M	69.6M	- 0.4	99	22	42	9	25	6	0	0	0	0	1.81	- 0.92	0.68	7	0.0	0		5	1	0	
CARSON NO 2	AM	85.2	59.2	72.2	1.4	100	22	47	10	14	12	0	0	0	0	2.58	0.59	1.11	28	0.0	0		6	2	1	
CENTER		84.6	56.8	70.7	- 0.3	101	21	42	9	11	9	0	0	0	0	3.44	1.02	1.27	30		0		7	2	1	
ORAKE	AM	82.0	59.1	70.6	- 1.0	98	22	43	9	15	6	0	0	0	0	1.91	- 0.39	0.60	7	0.0	0		5	1	0	
ECKMAN 2 SE	AM	81.2	56.6	68.9	0.9	96	22	41	9+	31	4	0	0	0	0	2.85	0.49	0.61	7	T	0		8	2	0	
FESSENDAEN		84.2	58.5	71.4	2.0	100	21	42	9	13	8	0	0	0	0	2.52	- 0.05	0.90	28	0.0	0		6	3	0	
FORT YATES		91.3M	62.5	76.9M	4.2	102	21	49	1	0	20	0	0	0	0	1.42	- 0.66	0.49	28	0.0	0		5	0	0	
FOXHOLM 7 N		84.8	57.0	70.9	1.2	98	19+	36	9	21	9	0	0	0	0	2.20	0.27	0.57	26	T	0		6	2	0	
GARRISON	AM	83.0	57.8	70.4	1.2	99	22	43	9	17	7	0	0	0	0	2.24	- 0.25	0.57	7	T	0		8	1	0	
GRANVILLE		82.7	58.6	70.7	2.0	99	21	39	9	23	5	0	0	0	0	1.33	- 0.94	0.48	26	0.0	0		4	0	0	
HANSBORO		81.5M	56.4M	69.0M	2.7	97	21	38	9	27	4	0	0	0	0	1.16	- 1.38	0.29	7	0.0	0		4	0	0	
LEEDS		82.8	57.6	70.2		98	21	48	10	15	7	0	0	0	0	2.58		1.18	6	T	0		7	1	1	
LINTON		87.3	61.3M	74.3M	1.6	101	21	49	1	7	15	0	0	0	0	2.79	0.66	0.97	4	T	0		7	2	0	
MAODOCK AGR SCHOOL		84.1	58.1	71.1	2.2	100	21	42	9	14	7	0	0	0	0	1.77	- 0.92	0.53	7	0.0	0		5	2	0	
MANOAN EXP STATION	AM	83.8	60.1	72.0	0.1	98	22	46	9	11	8	0	0	0	0	3.88	1.57	1.89	28	0.0	0		9	2	1	
MANOAN FT LINCOLN PARK		85.9	58.1	72.0		98	21	45	9	11	10	0	0	0	0	2.74		1.02	28	0.0	0		7	1	1	
MAX	AM	82.0	57.9	70.0	- 1.4	97	22	44	9	20	6	0	0	0	0	2.56	0.02	0.59	7	T	0		6	2	0	
MC CLUSKY		84.1	60.3	72.2	1.8	102	21	45	9	12	8	0	0	0	0	3.35	- 0.86	1.70	28	0.0	0		5	2	1	
MINOT CAA AP		82.1	58.6	70.4	1.6	97	21	40	9	28	6	0	0	0	0	1.21	- 0.84	0.51	26	0.0	0		4	1	0	
MINOT EXP STATION	AM	81.6M	58.1M	69.9M		97	22	38	9	27	6	0	0	0	0	1.72		0.47	22	0.0	0		6	0	0	
MOFFIT 4 SE		85.0	57.7	71.4		97	21	43	9	14	10	0	0	0	0	4.68		1.73	10	0.0	0		4	3	2	
MOHALL		83.9	55.7	69.8	2.3	96	21	35	9	23	6	0	0	0	0	2.35	- 0.10	0.87	29	0.0	0		5	2	0	
NAPOLEON		84.6	60.5	72.6	3.2	99	21	48	9	9	8	0	0	0	0	5.26	2.75	2.43	4	0.0	0		8	3	3	
NEW SALEM 1 S		85.8	58.3	72.1	1.3	100	21	44	9	14	10	0	0	0	0	1.99	- 0.18	0.80	28	0.0	0		5	1	0	
PETTIBONE		86.4	60.0	73.2	3.7	101	21	45	9	10	12	0	0	0	0	2.32	- 0.42	1.07	28	0.0	0		5	2	1	
RIVEROALE	AM	82.4	58.9	70.7		100	22	45	9	21	7	0	0	0	0	2.41		1.32	7	0.0	0		4	1	1	
ROLLA		79.6	55.4	67.5	0.8	95	21	41	9	39	3	0	0	0	0	1.57	- 1.11	0.37	7	0.0	0		6	0	0	
RUGBY		84.0	59.2	71.6		99	21	42	9	14	9	0	0	0	0	3.59	0.91	1.33	6	0.0	0		8	2	1	
SAN HAVEN		80.6	58.5	69.6	2.6	95	21	43	9	22	3	0	0	0	0	3.03	0.36	1.22	7	0.0	0		5	1	1	
STEELE		85.4	59.8	72.6	2.4	98	21	46	9	8	9	0	0	0	0	3.34	0.52	1.51	28	0.0	0		7	1	1	
TOWNER		84.2	55.9M	70.1M	1.0	98	21	46	9	8	8	0	0	0	0	1.64	- 0.77	0.37	1	0.0	0		8	0	0	
TURTLE LAKE		84.5	59.4	72.0	2.5	100	21	44	9	10	9	0	0	0	0	2.11	- 0.44	0.59	13	0.0	0		5	2	0	
UNDERWOOD	AM	83.7	57.9	70.8	- 1.1	100	22	45	9+	18	9	0	0	0	0	2.65	0.25	1.30	7	T	0		4	2	1	
UPHAM 3 N		85.4	55.8M	70.6M		99	21	37	9	18	8	0	0	0	0	2.31		0.74	26	0.0	0		6	1	0	
VELVA		81.9	58.5	70.2	0.2	97	21	42	9	18	4	0	0	0	0	2.64	0.32	0.53	6	T	0		8	1	0	
WASHBURN		85.2	58.6	71.9	0.7	94	20	43	9	11	8	0	0	0	0	2.41	- 0.21	0.83	28	0.0	0		5	1	0	
WESTHOPE		82.2	55.3	68.8	0.9	95	19+	36	9	26	5	0	0	0	0	3.10	0.78	1.10	26	0.0	0		6	2	1	
WILLOW CITY		82.3	56.6	69.5	2.9	99	21	39	9	26	4	0	0	0	0	1.94	- 0.35	0.52	26	0.0	0		8	1	0	
WILTON		84.0	57.1	70.6	0.2	99	21	44	9	14	6	0	0	0	0	2.91	0.60	1.13	28	0.0	0		5	2	1	
WISHEK		84.6M	59.3M	72.0M	1.6	97	21	47	1	8	6	0	0	0	0	5.66	3.06	3.10	4	0.0	0		8	3	1	
DIVISION				70.9	1.3											2.62	0.13			T						
WESTERN DIVISION																										
ALMONT 7 SW		85.5	59.2	72.4		101	21	46	9	11	12	0	0	0	0	1.99		0.65	7	T	0		3	2	0	
AMION	AM	83.9	57.4M	70.7M	0.3	97	21	47	2	14	6	0	0	0	0	2.36	- 0.22	0.71	29	0.0	0		7	2	0	
BEACH	AM	84.8	57.0	70.9	1.0	98	19	42	2	19	8	0	0	0	0	1.37	- 0.43	0.55	26	T	0		3	1	0	
BELFIELD		85.8	56.1M	70.0M	0.0	97	20	41	2	22	9	0	0	0	0	1.33	- 0.89	0.48	5	0.0	0		5	0	0	
BEULAH	AM	82.0	55.8M	68.9M		98	19+	42	9	28	5	0														

NORTH DAKOTA
JULY 1956

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS T S	3.98	.05	.75	.15	.07	.10	.52	.09	.03		T		.33	.17								.63										
ALEXANDER	1.78				.25	.03	.05	.35	.04				.01	.10																		
ALMONT T SW	1.99												.65	.01																		
AMBROSE 3 N	1.33				.01	.25	.18	.42	T	.06			.07									.03										
AMENIA	4.11			.60				.23	.53			.08	.81	.75	.13	.01						.10	.05									
AMIGOON	2.36						.17	.10	.06	.13	.06	T	.04	.56																		
ARVILLA STATE PARK	3.07		.28		.30			.04	.10				.55	.29										.23								
ASHLEY	3.17	.14			.74			.40	.27		.29		.39	.25																		
BALTA	3.11		.80				.65	.32	.01	.02		.05	T	.66																		
BANTRY	1.60					.11		.32	.26		.14																					
BEACH	1.37				.04		.20	.02	.03	.04	.05	.03	.06	.02										.03								
BELCOURT INDIAN RES	1.93		.24				.47	.34	.05		.02	T	.07									.29										
BELFIELD	1.33		.06	T		.95	.48	.08	T		.10	T	.16																			
BERTHOLD	1.95	T					.11	.12	.07																							
BEULAH	2.00			T				.82			.15	.02		.29	T																	
BISBEE	2.18						.92	.24			.04			.28								.15										
BISMARCK WB AP	1.08		T	.08			.27	.08		.02	.09		.21	T																		
BISMARCK 12 ENE	2.42		T					.31	.04	T	.12			.09																		
BOTTINEAU	4.55					.18		3.38	.07	.02	.14	.03		.11	.07																	
BOWBELLS	3.22		.21				.97	.47			.12			.28	.01						.01	.50										
BOWMAN COURT HOUSE	1.72						.32	.08		.04	.10	.02	.27																			
BOWMAN 11 SE	2.64						.35	.11	.15		.18		.19																			
BOWMAN 30 NNW	1.17						.25	.07																								
BURST 16 N	4.89		.24																													

DAILY PRECIPITATION

Table 3--Continued

NORTH DAKOTA
JULY 1955

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NEW ROCKFORD 7 WNW	2.96						.51	.52			.06			.07													.70		1.10					
NEW SALEM 1 S	1.99						.45	.12	.05	.04	.12		T	.07								T					.30		.80	.06	.05			
NEWTOWN	2.10				.86	.04		.01	.12				.11	.02													.30		T	.20				
NOONAN	2.36			.13			.25	.30	.05				.34														.40	.30		.10				
NORTONVILLE	4.30	.15		.07	.93			.45	.69		.18	.22	.59	.08												.04	.30		.92		.71	.10	.13	.27
OAKES	4.70		.11		.12		.24	.88			.63	.08		.83								.08						.13	T		.34	1.11	.15	
PARK RIVER	2.58		.21	.07	.10		.59		T					.53								.04	.51			.01	.25		.14					
PARSHALL	.93						.28	.06		.09	.05		.02	.07						.06							.02	.28					.13	
PEMINA 2 N	6.72	1.39	.09	.03	-	-	3.71	-	-	-	-	-	-	.51	.51	-	-	-	-	.06		.09									.11	-	.28	
PETERSBURG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PETTIBONE	2.32	.04	.05					.53	.03		.11	.10		.04														.33		1.07	.02			
PINGREE	3.35	.10						.65	1.00			.80	.15	.08														.17		.38	.02			
PORTAL	2.45				.01		.27							.28	T													.70			.09		.47	
POWERS LAKE 1 N	4.34		.04		.06	1.50	.43	.26		.15	.10	.02	.01	.44	.05																			
PRETTY ROCK	3.12			.01		T	.40	.01	.31	.44	.08			T													.80	.27		1.49	.11			
RAUB 10 SSW	3.50						1.89	.62																										
REEDER	3.22				.25	.28	.05		.28		.08		.63	.03														.33						
REEDER 14 N	1.57					.17	.18				.16		.04	.02								.05	.02	.06				.74		1.21	.26			
RICHARDTOWN ABBEY	2.36						.06	1.17		.02				.12	.01													.43	T	.16	.13	.09		
RIVERDALE	2.41			.01	T	T		1.32	T		.08	T		.33	T							.09						.45	T	.03	.10	.07	.04	
ROLLA	1.57		.19				.29	.37	.03					.13														.31	T	.03		.05	.04	
RUGBY	3.59		.43				1.33	.24	.23		.05			.61								.13						.42		.11			.17	
RYDER	2.71	T			T		1.08	.23	T		.08			.03														.29		.60	T			
SAN HAVEN	3.03		.05				.34	1.22	.36		.05			.08														.38		.22				
SCRANTON	3.78					.90	.30	.08		.19	.13		.06									.09	.03					.40		.02			.06	
SELFRIEGE 11 W	1.31	.41							.33		.24																	.08						
SENTINEL BUTTE 20 S	1.31						.59				T																	.31				.25		
SHARON	3.33	T	.20		.56			.10	.20		.19	T		.30	.30													1.14	T	.40	.08			
SHERWOOD 3 N	3.97		.05				1.61	.03	T		.04			.11								.05	.41					.90		.62			.46	
SHIELDS	3.05	.04						.43	.66	.11																		.18		1.45				
STANLEY	2.74				.16	.23	.59	.13	.22																			.30		.48	.63			
STEELE	3.34	.07	.24		T		.39	.03	T	.40	.14	.02	.03	.30	T													.15		1.51	.02		.04	
SYKESTON	3.29	.86					.04	.67	T				.75															.42		.60	T			
TAGUS	2.04	.02			.37	T	.27	.08	.14	.06				.05							.05							.55		.45				
TIOGA 1 E	2.13				.14	.04	.79	.38	T	.05	T	.03	.02	.03														.01		.62	T	.02		
TOLLEY 3 NE	4.02		.18				.04	1.25	T	T	.28		.02	.10	.25														.47	.18		1.00		.25
TOWNER	1.04	.37					.20	.12	.18	.03	.16			.12														.54		.16		.31		
TROTTERS 6 WNW	1.66	.06		T	.11	.10	T	.50	.11					.16														.42						
TURTLE LAKE	2.11			.05				.45	.05	.04	.25		.01	.59														.35		.35	.02	T		
TUTTLE	1.52	T												.09														.38		.40			.04	
UNDERWOOD	2.65		T	.02				1.30	.01		.04	T		.60						.02								.43		.05	.15	.03		
UPHAM 3 N	2.31						.13	.11	T		.40			.42														.74	T					
VALLEY CITY	3.70	.75			.35	.35	.09	.11	1.08			.08	.43															.03		.87				
VELVA	2.64	.19					.53	.28	.37		.24	T		.04														.45		.43			.11	
VERONA	7.23	.02			1.28			.12	1.06		.12	2.56	.94		.02														.45		.92	.19		
WAHPETON STATE SCHOOL	5.08	.57	.30		1.32	.02		.08	.18		.18	.50	1.05	.07															.11	T	.02	.15	.43	.02
WALHALLA	4.49	.19					.23							.61															.28	.02				.16
WARWICK	2.99				1.57		.07							.08															.57					
WASHBURN	2.41						.04				.05			.25															.49		.83	.07	.20	
WATAUGA 5 OAK 8 N	2.39						.70	.26		.14	.36		.15															.21		.57				
WATFORD CITY	4.82				2.20	1.18	.12	.24						.12														.44	.25	.03	.24			
WATFORD CITY 14 S	2.33				.17	.52	.57	.08	T					.06	T													.14	.38	.02	.37			
WESTHOPE	3.10				T		.30	.09	T		.17			.25															1.10		.86			
WILOROSE	1.67				.09	.05	.10	.43	.07	T	.03	.05	.10																.43		.18		.33	
WILLISTON WB CITY	1.42	T		.05	.05	T	.41	.06	T	.10	.03	.06		T															.43		.18		.14	
WILLOW CITY	1.94		.17				.28	.15	.22	.10	.17			.22															.04	.52	.07			
WILTON	2.91						.77	.05			.06			.21																.43	T	1.13	.02	.24
WISHEK	5.66	.10			3.10	T		.66	.29	.08	.51		T	.27															.25		.04	.36	T	
WOODWORTH 5 E	3.43	.10	.20				.13	.80	.10					.65															.40		.65			
ZAHL	2.16			.07	.06	.02	.32	.55	T					.04															.02	.91		.02	T	.15

EVAPORATION AND WIND

Table 6

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
DEVILS LAKE WB CITY	EVAP WIND	.21 44	.10 37	.23 32	.23 39	.21 51	.20 60	.18 53	.31 79	.16 30	.23 59	.22 71	.27 85	.21 59	.23 64	.20 27	.24 15	.25 21	.31 29	.34 50	.29 52	.40 33	.25 37	.25 35	.25 28	.37 42	.12 29	.12 31	.07 24	.12 23	.25 30	.28 30	7.03 1346
EDGELEY EXP FARM	EVAP WIND	.29 34	.30 78	.13 69	.13 109	.19 114	.36 35	.35 97	— 3	.29 17	.16 62	.25 104	.25 101	.17 85	.28 64	.24 66	.33 33	.16 22	.28 23	.25 35	.38 46	— 55	.27 39	.39 66	.35 43	.25 49	.17 73	.17 47	.12 102	.20 59	.31 44	.28 25	7.818 1954
MANDAN EXP STATION	(A) EVAP WIND	.26 73	.20 94	.21 73	.26 119	.15 146	.21 118	.24 130	.25 60	.28 122	.16 162	.11 182	.17 187	.16 106	.16 120	.19 69	.16 36	.21 38	.26 74	.28 85	.23 98	.23 86	.34 61	.34 99	.26 59	.30 107	.28 113	.11 69	.28 103	.13 38	.13 27	.22 59	6.59 2913
RIVERDALE	EVAP WIND	.62 26	.20 70	.29 33	.34 101	.15 129	.36 123	.30 176	.70 176	.26 24	.27 86	.18 143	.30 203	.34 98	.15 68	.35 36	.20 20	.29 73	.33 146	.48 142	.42 129	.35 44	.35 41	.41 94	.31 61	.38 115	.38 84	.08 17	.17 15	.45 42	.18 48	.900 70	2958

DAILY TEMPERATURES

NORTH DAKOTA
JULY 1955

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX	85	80	79	77	91	93	83	74	67	73	91	87	80	83	83	84	90	94	94	96	101	89	82	90	97	78	80	79	86	92	93	85.5
	MIN	52	54	50	57	63	59	57	53	46	53	61	62	61	62	55	57	59	62	66	66	67	59	54	57	68	64	62	64	61	64	60	59.2
AMENIA	MAX	90	82	77	78	85	89	88	80	70	77	81	90	82	80	80	87	88	88	92	92	96	89	83	81	98	83	76	85	86	98	85.0	
	MIN	52	66	62	62	60	66	68	60	49	54	60	67	67	64	61	62	59	62	61	66	71	62	59	50	66	67	64	64	68	67	62.2	
AMIDON	MAX	71	81	79	80	77	87	89	79	73	70	74	94	83	80	81	83	85	92	95	94	97	95	85	87	86	87	82	83	79	84	88	83.9
	MIN	51	47	49	50		61	52	50	48	52	60	63	59	57	57	58	60	59	65	65	66	63	59	51	52	61	61	62	60	64	60	57.4
ARVILLA STATE PARK	MAX	80	76	83	81	91	86	89	84	72	75	85	93	80	80	82	88	89	90	92	92	100	87	83	85	96	91	71	74	87	97	90	85.5
	MIN	55	58	63	59	61	66	65	61	41	53	61	67	68	66	61	53	58	69	63	70	71	65	56	47	68	63	61	63	66	66	62	61.5
ASHLEY	MAX	84	82	87	82	90	91	87	78	70	68	91	90	80	81	79	83	86	88	90	89	97	87	79	85	92	80	73	80	89	93	91	84.6
	MIN	49	59	64	61	67	66	65	55	49	49	63	68	61	61	56	49	57	60	62	64	68	67	60	50	66	65	61	64	53	64	60.3	
BEACH	MAX	74	80	78	76	73	86	89	82	74	70	78	94	85	81	84	88	91	96	98	96	97	95	87	83	85	83	83	84	82	85	91	84.8
	MIN	48	42	43	55	61	60	52	52	49	52	56	62	62	50	55	54	61	59	66	68	74	63	54	53	58	62	62	61	58	55	61	57.0
BELCOURT INDIAN RES	MAX	76	80	75	76	85	76	79	76	66	65	75	83	79	79	80	82	85	87	90	90	95	79	74	81	86	72	67	78	81	88	83	79.6
	MIN	48	50	51	53	58	65	59	51	36	50	50	67	59	60	51	49	53	53	60	59	62	59	53	42	60	55	47	61	61	52	52	54.4
BELFIELD	MAX	79	79	79	75	87	90	82	73	72	84	93	88	85	84	85	87	91	95	94	97	94	87	83	86	87	83	83	88	85	92	93	85.8
	MIN	45	41	44	54	56	60	51	51	43	52	52		62	52	52	50	49	55	62	65	61	63	55	49	54	61	58	60	60	53	53	54.1
BEULAH	MAX	72	80	81	77	74	89	85	80	69	65	68	88	86	74	81	87	86	86	98	98	93	98	84	79	85	85	70	72	78	83	92	82.0
	MIN	45	47	48	53	60	63	55	52	42	50	53	63	58		53	51	56	59	62	65	65	64	56	51	54	59	61	63	58	51	57	55.8
BISBEE	MAX	78	83	77	80	90	84	83	85	68	68	78	86	80	79	81	85	88	89	92	91	98	82	81	83	89	81	70	79	85	92	84	82.9
	MIN	51	53	52	55	54	62	60	56	42	52	54	69	51	62	57	57	58	59	61	65	65	61	55	53	50	59	53	63	61	59	60	57.1
BISMARCK WB AP	MAX	87	84	80	80	91	91	83	75	69	72	93	89	80	84	82	85	88	94	95	95	100	89	81	88	94	77	75	78	86	95	93	85.6
	MIN	53	58	58	60	67	64	63	63	64	54	63	64	62	61	57	53	58	63	65	69	67	64	59	54	67	65	61	64	58	62	64	60.6
BOTTINEAU	MAX	74	78	79	75	79	87	75	79	67	67	68	80	85	77	81	82	82	87	88	91	90	93	81	76	83	85	70	74	79	84	88	80.1
	MIN	47	51	47	56	63	63	59	55	40	51	54	65	60	58	55	56	58	62	61	66	67	58	56	50	60	58	54	63	63	54	59	57.1
BOWBELLS	MAX	74	79	79	73	76	81	72	78	65	65	66	77	85	73	82	84	85	88	93	94	94	91	81	78	85	82	70	76	83	84	90	80.1
	MIN	47	48	42	52	59	60	53	54	36	50	50	58	60	58	55	55	55	59	66	65	66	53	47	49	59	57	57	62	59	53	55	54.8
BOWMAN COURT HOUSE	MAX	80	80	80	78	88	95	80	75	73	74	95	94	80	80	86	90	94	98	95	100	99	93	83	87	91	90	84	82	84	99	94	87.1
	MIN	54	46	53	58	64	59	51	49	48	52	59	63	59	54	54	55	54	59	63	64	66	65	60	56	62	60	61	63	60	58	61	57.7
BUTTE	MAX	74	77	79	75	77	89	81	81	70	66	72	80	86	80	81	80	83	87	90	93	92	99			85	90	68	72	80	84	93	81.5
	MIN	50	53	49	53	53	63	56	54	42	52	54	61	60	52	57	57	60	64	65	67	69	60			53	60	60	64	62	61	60	57.6
CARRINGTON	MAX	75	79	78	78	88	89	89	82	74	66	73	79	87	80	80	79	83	86	88	90	89	89	86	79	83	92	75	76	82	85	93	82.3
	MIN	48	55	55	58	62	66	63	54	43	53	57	63	63	63	57	53	56	59	62	65	65	63	55	49	61	61	62	62	60	63	61	58.6
CARSON NO 2	MAX	73	87	81	78	81	92	93	82	74	65	72	94	89	80	84	83	84	91	95	96	96	100	90	84	91	95	76	78	79	81	92	85.2
	MIN	49	53	52	59	64	63	59	52	54	60	60	65	60	58	56	52	57	60	63	65	66	67	59	57	66	65	60	64	58	61	60	59.2
CAVALIER	MAX	78	79	83	81	87	85	86	85	71	71	79	93	80	81	82	87	90	90	93	92	98	84	80	85	92	83	71	78	89	95	93	84.5
	MIN	51	56	60	59	58	64	61	60	45	53	56	68	65	65	60	60	57	60	62	65	67	63	58	52	62	59	61	62	66	63	63	60.0
CENTER	MAX	85	81	79	75	90	87	82	73	69	73	90	87	78	83	84	85	89	93	94	95	101	87	80	86	90	88	74	81	83	92	90	84.6
	MIN	45	50	52	57	64	69	59	54	42	54	62	65	60	59	54	50	52	55	57	62	62	56	55	47	65	63	60	64	56	53	59	56.8
COOPERSTOWN	MAX	80	78	80	79	92	89	87	84	78	75	81	91	80	79	79	85	89	89	92	91	98	96	85	84	94	93	72	80	86	95	91	85.5
	MIN	50	56	60	59	63	61	63	56	43	53	58	66	65	63	58	55	58	63	62	65	68	62	56	49	67	61	60	62	64	66	64	59.9
CROSBY	MAX	79	76	75	73	80	78	75	68	66	68	76	85	81	83	88	90	92	97	98	98	92	84	81	81	82	78	78	81	82	88	83	81.8
	MIN	47	45	42	44	58	59	56	55	39	52	51	66	62	58	57	57	56	60	65	65	65	55	53	51	63	58	60	59	58	55	55	55.7
DEVILS LAKE WB CITY	MAX	78	80	77	78	91	81	82	72	68	72	80	90	80	79	80	88	89	91</														

DAILY TEMPERATURES

NORTH DAKOTA
JULY 1955

Table S.-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX MIN	74 50	80 49	79 49	77 57	77 54	91 64	82 58	80 54	70 43	68 52	72 58	87 62	87 61	78 58	83 56	83 52	87 57	88 62	93 65	94 60	95 70	99 63	85 54	80 52	86 64	91 62	73 61	74 62	82 63	84 61	93 67	83.0 57.8
GRAFTON	MAX MIN	76 53	78 55	82 63	80 60	88 59	86 63	88 67	77 62	72 43	74 52			65 65	64 59	81 58	87 58	88 61	90 61	92 67	98 63	97 59	97 47	83 59	83 47	94 62	91 59	71 60	78 62	86 63	97 63	96 61	85.4 59.9
GRAND FORKS CAA AP	MAX MIN	83 53	80 60	82 61	82 60	94 62	93 65	90 66	76 54	72 46	75 53	85 61	92 65	81 65	79 64	80 59	90 56	91 62	91 64	95 63	92 70	98 68	86 75	87 54	95 68	74 68	73 62	73 62	86 63	99 63	91 67	85.1 61.2	
GRAND FORKS UNIVERSITY	MAX MIN	82 53	77 59	80 60	81 59	89 62	88 67	88 69	77 60	70 45	75 53	84 60	92 67	81 65	79 64	79 58	85 55	88 59	89 63	92 62	91 68	97 72	85 63	79 58	84 49	95 67	87 61	73 62	73 67	85 67	95 68	89 65	84.2 61.3
GRAND RAPIDS 1 N	MAX MIN	88 48	84 59	84 64	79 62	92 66	93 66	89 66	87 57	75 50	73 54	87 62	91 64	83 61	80 65	79 58	84 64	86 58	88 59	91 59	90 65	96 68	93 64	84 58	81 54	94 67	88 66	75 54	79 64	86 62	94 67	85.9 61.1	
GRANVILLE	MAX MIN	79 50	78 53	76 48	76 66	89 66	80 62	72 60	60 55	69 39	81 53	86 57	83 73	82 63	83 57	84 73	89 56	91 62	95 64	94 67	99 68	85 64	84 53	86 51	89 60	80 64	72 60	82 64	84 65	91 59	82 62	78.7 58.6	
GRENORA	MAX MIN	79 45	80 40	83 53	82 57	80 58	81 58	74 56	67 50	61 39	68 52	75 53	82 63	78 59	83 56	89 56	90 60	89 56	98 60	98 68	100 65	99 65	88 53	81 52	89 60	82 60	79 61	81 59	81 59	88 56	88 57	83.0 56.5	
HANKINSON R R STATION	MAX MIN	89 56	86 65	91 65	80 64	77 65	83 67	87 68	83 61	82 52	72 56	70 62	85 60	92 66	83 70	77 62	78 62	82 67	90 64	87 65	92 68	89 70	95 69	84 62	80 56	72 54	97 69	88 68	76 63	91 64	93 65	84.6 63.7	
HANNAH	MAX MIN	73 47	81 52	77 50	78 51	84 54	76 60	80 61	75 54	69 38	66 50	77 49	86 68	80 64	78 62	80 54	86 52	88 57	88 60	91 64	90 68	96 66	80 58	74 51	81 49	67 63	75 56	69 51	77 62	84 65	90 59	84 57	80.6 56.5
HANSBORO	MAX MIN	77 49	80 52	75 50	78 56	86 54	76 60	81 60	68 53	69 38		79 50	85 69	80 62	78 61	81 55	85 54	89 56	88 61	93 63	97 64	80 59	75 52	84 48	87 62	71 58	70 48	79 62	85 62	92 58	86 58	81.5 56.4	
HETTINGER	MAX MIN	86 49	79 47	78 54	83 57	95 63	94 60	82 54	74 49	70 47	75 52	95 57	88 67	80 59	81 54	81 50	87 56	91 57	94 61	94 63	95 68	98 65	84 61	80 56	85 61	92 61	88 59	82 59	78 59	84 59	92 56	94 63	85.8 57.9
HILLSBORO	MAX MIN	84 53	79 58	79 60	80 62	88 63	90 66	87 68	82 59	74 48	80 53	84 64	92 66	82 66	81 63	80 60	86 57	89 62	90 60	93 61	93 69	97 73	96 68	86 60	84 53	97 68	93 65	74 63	79 62	86 67	97 67	86.3 62.3	
JAMESTOWN CAA AP	MAX MIN	80 50	78 58	79 59	78 66	91 66	88 66	87 65	75 58	66 48	73 53	90 60	80 65	78 67	80 64	78 60	84 56	84 62	87 62	89 64	90 67	95 70	87 65	78 50	83 66	92 66	74 63	77 64	85 63	92 68	89 65	82.9 60.7	
JAMESTOWN STATE HOSP	MAX MIN	84 50	79 58	79 59	78 66	92 66	90 66	86 65	80 58	67 48	72 53	84 60	92 65	81 67	80 64	80 60	85 56	86 58	89 62	91 64	91 67	99 70	91 65	81 59	86 59	95 67	92 65	75 64	77 65	87 60	94 69	92 68	85.0 62.3
KENMARE	MAX MIN	75 50	80 49	78 48	73 53	78 60	84 60	77 55	78 55	63 38	66 45	66 52	75 57	86 62	73 60	81 56	85 60	88 59	90 63	93 66	95 70	90 56	81 51	78 55	86 60	81 58	70 59	76 63	84 60	94 62	90 58	80.6 57.0	
KENSAL WILDLIFE REFUGE	MAX MIN	83 58	80 57	81 57	80 61	90 66	90 67	87 64	81 55	69 42	76 52	82 60	87 70	83 64	82 64	81 57	87 50	87 56	87 61	89 62	89 68	99 63	81 55	83 50	99 65	83 63	96 65	75 60	83 66	88 63	96 62	93 60	85.9 60.4
LANGOON EXP FARM	MAX MIN	78 46	79 55	80 52	79 55	86 56	84 58	83 62	79 52	70 40	67 50	76 53	89 66	77 64	80 62	81 54	86 56	87 57	88 60	90 64	92 67	96 67	82 59	79 54	82 46	89 64	79 52	72 55	77 62	86 65	91 60	88 59	82.3 57.2
LARIMORE	MAX MIN	80 55	76 58	80 64	78 65	90 58	88 66	84 65	74 59	70 43	75 52	83 54	92 67	82 66	82 65	81 59	85 56	88 58	90 62	93 63	92 68	99 67	93 64	83 59	84 49	96 67	90 61	71 62	76 62	84 64	95 65	90 63	85.1 60.8
LEEOS	MAX MIN	78 50	83 51	82 52	78 54	90 59	83 64	84 62	71 55	67 50	70 48	81 49	79 69	79 61	81 60	82 53	86 52	89 56	91 62	93 65	91 65	98 58	83 55	76 49	85 58	90 65	80 58	72 62	80 62	86 59	93 61	86 59	82.8 57.6
LINTON	MAX MIN	91 49	89 60	80 59	85 62	92 68	71 65	86 78	69 56	71 51	94 55	91 65	82 68	85 60	82 59	82 56	86 52	90 58	93 62	95 63	94 68	101 68	90 67	82 63	90 54	95 68	81 67	77 52	84 65	89 64	95 65	94 66	87.3 61.3
LISBON	MAX MIN	85 52	85 64	84 65	78 63	91 68	87 67	87 69	87 62	75 52	93 52	85 64	93 67	86 65	84 66	79 60	84 56	86 62	84 60	94 61	94 67		86 70	87 60	82 56	94 66	90 66	78 66	83 64	87 65	92 66	91 70	85.7 63.3
LOSTWOOD 12 N	MAX MIN	78 45	77 44	73 39	75 50	82 57	74 59	73 52	73 51	63 35	64 48	73 49	82 63	72 58	79 59	82 55	83 57	85 57	88 60	90 64	92 64	89 78	81 57	76 53	82 52	94 61	90 59	78 61	83 63	87 59	92 61	91 58	78.7 55.5
MADDUCK AGR SCHOOL	MAX MIN	78 52	83 51	78 54	77 57	90 62	83 64	82 62	81 56	66 42	71 52	78 57	86 70	79 61	83 61	81 54	86 49	89 55	92 59	95 60	93 65	100 64	89 63	82 53	87 48	92 65	86 60	73 58	79 64	87 59	94 61	88 60	84.1 58.1
MANDAN EXP STATION	MAX MIN	75 50	85 57	81 57	79 60	79 66	90 63	88 62	82 54	73 46	68 53	73 56	91 72	89 62	79 63	82 56	82 52	87 58	87 61	92 65	94 67	94 67	98 65	88 61	88 52	95 69	85 65	72 61	74 64	80 60	85 63	93 64	83.8 60.1
MANDAN FT LINCOLN PARK	MAX MIN	86 49	87 56	81 53	86 56	90 63	89 62	86 60	75 50	73 45	72 51	91 60	92 65	81 60	83 62	82 55	83 53	87 55	91 59	93 60	93 65	98 67	88 62	81 57	89 60	95 67	88 62	79 59	81 62	89 58	94 60	91 59	85.9 58.1
MARMARTH	MAX MIN	82 38	81 50		77 61	85 66	93 61	82 53			74 57	77 65	95 65	81 62	82 55	88 56	86 56	96 59	98 67	100 69	97 61	94 63	83 52	89 57	88 60	88 64			85 63	96 65	95 60	87.9 59.3	
MAX	MAX MIN	74 49	78 52	78 51	75 60	74 65	89 65	80 59	81 52	70 44	67 52	72 53	83 59	86 58	77 60	87 62	84 55	84 57	88 60	91 61	93 65	94 68	97 62	84 56	79 56	85 61	91 60	70 61					

Table 5-Continued

DAILY TEMPERATURES

NORTH DAKOTA
JULY 1955

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX MIN	83 45	79 46	79 52	75 58	90 65	61	80 53	73 52	67 48	74 54	95 61	85 57	80 60	82 55	83 55	85 52	90 51	94 55	93 61	95 55	98 61	86 57	81 57	86 52	88 60	81 62	80 60	79 65	84 59	89 57	83.9 56.4	
NEW SALEM 1 S	MAX MIN	86 52	88 52	85 58	89 57	90 60	91 60	84 62	70 52	74 44	71 51	91 60	88 65	79 60	84 61	85 55	83 56	87 56	93 62	94 64	100 64	88 62	81 56	87 52	95 65	84 63	75 61	79 63	85 56	92 62	90 60	85.8 58.3	
NEWTOWN	MAX MIN	81 44	80 48	78 45	77 58	89 63	81 62	78 55	74 56	68 42	70 52	83 57	85 67	76 61	83 57	85 55	85 52	88 56	93 49	95 63	96 65	95 65	91 53	81 57	86 52	85 62	80 61	74 63	85 65	81 61	91 54	90 61	83.5 56.8
OAKES	MAX MIN	84 57	86 63	86 67	78 61	81 95	92 66	89 59	78 51	70 55	74 55	88 58	83 51	93 66	82 66	79 60	77 58	81 61	84 65	86 69	90 72	94 69	86 51	87 52	94 65	86 51	94 68	78 69	85 65	86 62	90 68	84.3 63.2	
PARK RIVER	MAX MIN	80 54	79 55	82 60	83 59	90 59	89 61	85 66	84 61	72 44	74 52	83 54	93 68	80 65	81 66	83 61	88 58	89 62	91 64	93 66	92 66	99 67	89 63	83 60	92 51	90 63	72 60	80 64	88 64	95 65	87 67	85.7 60.9	
PARSHALL	MAX MIN	82 46	80 41	78 44	76 57	93 62	83 64	79 55	76 54	69 40	71 52	86 57	85 68	77 60	83 54	85 52	86 56	90 57	94 60	95 60	97 66	97 66	91 61	80 54	86 54	88 61	77 61	74 63	84 65	86 60	92 53	89 61	84.2 56.9
PEMBINA 2 N	MAX MIN	86 59	84 58	82 62	84 59	89 58	89 69	87 62	87 60	79	74 50	82 54	94 69	94 65	82 63	84 56	84 55	87 59	89 62	92 66	92 67	96 70	96 60	82 51	84 48	90 60	90 58			88 63	93 65	87.3 60.2	
PETERSBURG	MAX MIN																																
PETTIBONE	MAX MIN	81 50	80 57	80 56	79 60	92 66	93 66	86 59	80 54	68 45	72 53	83 60	89 73	80 60	81 64	80 57	86 55	88 57	91 60	93 62	92 65	101 66	97 64	84 58	87 51	96 67	90 63	82 65	86 58	94 63	96 64	90 63	86.4 60.0
PORTAL	MAX MIN	72 49	79 48	78 42	75 52	75 59	81 60	76 56	76 54	61 38	67 51	68 50	77 52	84 59	72 56	82 58	86 57	88 57	91 66	93 66	96 67	96 65	85 76	75 52	83 60	79 56	70 58	80 62	82 58	85 54	79.5 55.4		
POWERS LAKE 1 N	MAX MIN	82 44	79 43	72 39	78 54	85 54	80 61	76 53	70 53	64 37	68 50	79 53	86 52	76 59	79 53	83 54	85 56	88 54	92 60	95 62	90 62	84 58	78 50	79 55	82 55	84 55		75 60	83 60	81 59	89 54	87 57	81.0 54.1
RAUB 10 SSW	MAX MIN	85 88	88 80		85 55	93 58	84 56	80 57	69 53	72 46	90 53	85 60	78 62	83 61	82 60	88 60	90 61	95 65	96 62	97 69	106 69	86 63	80 56	88 57	88 64	76 62	76 62	80 65	91 61	95 61	89 61	85.3 59.6	
RICHAROTON ABBEY	MAX MIN	87 49	83 52	80 52	75 55	93 61	90 63	82 55	76 52	69 48	71 52	92 60	89 63	77 60	84 56	82 57	85 59	89 94	94 66	97 66	101 66	85 64	82 55	88 55	88 65	83 63	76 61	76 60	85 60	93 59	91 60	85.1 58.2	
RIVEROALE	MAX MIN	74 50	80 51	78 56	77 56	90 62	86 63	85 60	79 56	69 45	67 53	89 65	86 65	86 59	76 62	82 61	81 55	82 58	87 61	92 62	94 65	95 68	100 64	84 57	79 54	87 65	90 61	74 62	75 64	82 60	84 61	93 61	82.4 58.9
ROLLA	MAX MIN	76 49	78 50	73 50	76 51	84 54	74 58	79 59	74 51	68 41	64 48	76 48	85 66	78 59	78 61	80 56	83 56	87 58	88 54	91 61	90 63	95 64	80 59	73 53	81 49	86 60	74 55	68 50	76 60	81 58	88 56	79.6 55.4	
RUGBY	MAX MIN	80 52	81 56	81 51	78 58	90 61	90 60	82 62	81 56	67 42	69 53	80 56	85 72	86 61	81 52	84 59	88 58	90 62	94 64	93 68	99 61	85 55	82 54	83 54	90 65	85 72	83 61	85 60	92 64	82 62	90 63	84.0 59.2	
SAN HAVEN	MAX MIN	75 49	79 53	78 53	77 54	85 61	84 63	79 60	83 52	66 43	66 52	76 55	83 69	82 60	80 58	79 60	81 58	86 58	87 60	90 62	90 67	95 68	80 56	74 51	81 62	86 58	69 55	79 62	82 65	88 58	82 60	80.6 58.5	
SHARON	MAX MIN	78 51	75 56	80 61	77 58	88 62	85 65	85 65	81 56	66 44	75 51	80 59	88 67	78 65	79 64	80 58	84 58	86 59	86 63	89 65	89 67	95 69	90 63	76 57	80 60	93 66	88 61	71 61	78 65	83 67	93 67	82.5 60.8	
STANLEY	MAX MIN	80 49	82 45	77 42	76 54	89 61	80 61	76 56	67 53	66 38	77 50	75 52	85 65	74 59	81 58	86 54	88 54	90 52	95 59	97 62	98 63	93 66	84 60	79 55	88 49	84 64	75 59	75 62	85 64	85 59	90 58	85 59	82.3 56.2
STEELE	MAX MIN	84 50	84 56	81 55	80 59	90 64	91 68	87 63	82 53	71 46	73 52	87 60	86 73	82 60	82 63	81 58	84 54	86 59	89 63	91 62	91 65	98 66	93 63	81 58	85 53	94 66	89 74	74 58	84 64	85 57	92 62	90 63	85.4 59.8
TIOGA 1 E	MAX MIN	71 44	76 43	76 40	72 54	77 57	83 59	79 53	74 49	62 38	63 50	77 54	78 60	80 58	72 53	82 53	87 58	87 60	89 58	95 63	96 67	97 64	93 56	83 51	79 56	86 58	83 60	75 63	75 63	85 58	81 54	89 57	80.7 55.2
TOWNER	MAX MIN	78 49	79 59	81 54	78 52	90 60	87 63	82 57	80 57	72 57	69 48	82 49	87 69	85 58	84 56	84 52	85 58	90 53	91 61	94 59	94 63	98 61	85 55	86 48	87 49	90 60	78 55	73 54	83 60	85 57	91 53	82 59	84.2 55.9
TURTLE LAKE	MAX MIN	81 50	81 55	80 52	77 56	90 64	86 65	82 62	81 53	69 44	73 52	86 61	86 71	83 59	81 61	82 59	84 58	88 57	90 62	93 61	93 65	100 67	90 63	81 55	81 57	92 65	87 61	74 61	79 63	85 60	93 62	91 62	84.5 59.4
UNDERWOOD	MAX MIN	76 51	85 54	83 59	78 56	77 63	91 63	85 60	81 53	70 45	67 55	73 66	88 66	83 53	76 60	82 56	82 52	85 57	90 61	92 60	96 65	94 67	100 62	86 52	86 52	87 62	90 62	75 62	75 60	82 60	82 60	93 60	83.7 57.9
UPHAM 3 N	MAX MIN	82 47	82 52	78 42	81 55	89 61	87 61	83 59	78 37	75 30	73 50	78 53	87 70	81 60	82 56	83 54	95 55	92 60	93 65	97 62	99 65	99 65	85 50	79 48	88 59	92 57	82 57	80 57	83 61	86 58	92 57	88 57	85.4 55.8
VALLEY CITY	MAX MIN	85 51	79 60	79 63	80 60	92 66	89 66	88 66	85 59	75 48	75 53	84 68	91 68	83 67	80 65	80 58	85 54	86 57	87 63	91 64	90 68	95 58	94 68	88 56	83 64	95 68	90 66	75 64	82 63	85 65	97 68	93 68	85.9 62.2
VELVA	MAX MIN	77 50	77 51	78 50	75 56	89 63	83 62	80 60	79 56	65 42	68 53	78 56	84 58	84 63	80 63	86 56	82 54	86 58	90 61	92 66	92 68	97 67	85 61	81 55	84 50	87 61	78 61	72 63	81 65	83 62	88 60	95 62	81.9 58.5
WAHPETON STATE SCHOOL	MAX MIN	89 53	89 60	87 62	83 56	85 65	89 65	87 60	84 58	81 48	76 56	85 67	92 67	87 65	84 58	82 67	86 54	88 57	89 60	91 64	90 67	97 69	95 64	87 57	82 52	94 63	93 69	81 65	95 61				

STATION INDEX

NORTH DAKOTA
JULY 1955

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
Adams 7 S	0022	Walsh	10 48 29	98 08	-	-	-	-	Myron J. Bata	3	Belville	5833	Foster	5 47 20	99 02	1625	-	-	WID Edgar S. Stegmeyer	2 3 5	C
Alexander	0098	McKenzie	13 47 50	103 38	2200	-	-	-	GP Arthur J. Bauman	3	Winot CAA AP	5888	Ward	12 48 15	101 17	1722	WID	-	WID U.S. Civil Aero Ada	2 3 5	C
Almont 7 SW	0136	Morton	14 48 43	101 39	2300	-	-	-	GP Arthur J. Bauman	2 3 5	Winot Exp. Station	5893	Ward	12 48 10	101 18	1720	WID	-	WID M.C. Agri. Exp. Sta	2 3 5	C
Amherst 3 N	0189	Divide	13 48 03	103 28	2077	-	-	-	GP U.S. Border Station	3	Worlitz 4 SE	5895	Ward	12 48 10	101 18	1720	WID	-	WID U.S. Fish & W.L. Ser	2 3 5	C
Amenia	0196	Cass	11 47 00	97 13	980	-	-	-	SS Virgil L. Geheke	2 3 5	Worlitz	6025	Renville	12 48 46	101 31	1639	9P	-	9P Iver Johnson	2 3 5	C
Andon	0209	Glope	1 46 28	103 19	2910	-	-	-	SA Adrian R. Waller	2 3 5	Worlitz	6105	Stutsman	5 46 42	98 35	1379	9P	-	GP Rolf Hanson	3	7
Antler	0263	Bottineau	12 48 58	101 20	1540	-	-	-	WID W. B. Wegner	2 3 5	Worlitz	8155	Bettinger	1 46 23	102 20	2420	SS	-	SS Forrest E. Coffing	2 3 5	7
Arvilla State Park	0369	Grand Forks	12 48 56	97 30	960	-	-	-	GP Albert Thoren	2 3 5	Worlitz	8195	Cavallier	2 48 38	98 53	1598	7P	-	7P Harold Feldner	2 3 5	7
Ashley	0382	McIntosh	8 48 02	98 22	2025	-	-	-	SS Soo Line Agent	2 3 5	Worlitz	8255	Logan	8 46 29	99 45	1855	6P	-	GP Ted C. Frank	2 3 5	7
Saldhill Dam	0450	Barnes	11 47 02	98 02	1300	-	-	-	WID Corps of Engineers	2 3 5	Worlitz	8315	Bettinger	1 46 33	102 52	2621	6P	-	GP Anton Seilinger	2 3 5	7
Balfour	0492	McHenry	12 47 57	100 32	1615	-	-	-	WID Raymond E. Meller	3	Worlitz	8355	Eddy	5 47 43	99 16	1585	6P	-	GP Richard Steltnach	3	7
Balta	0500	Pierce	11 48 10	100 02	1550	-	-	-	GP Anton Schmitt	3	Worlitz	8385	Morton	4 46 50	101 25	2163	6P	-	GP William F. Gaebe	2 3 5	C
Bantry	0516	McHenry	12 48 30	100 36	1458	-	-	-	SA Temple K. Roberts	2 3 5	Worlitz	8385	McIntosh	4 47 59	102 29	1905	6P	-	GP Edwin A. Ventuch	2 3 5	C
Beach	0580	Groesbeek	7 46 55	104 01	2814	-	-	-	6A Beles Tobias	2 3 5	Worlitz	8455	Divide	12 48 53	103 01	1900	6P	-	GP George Koste	2 3 5	C
Belcourt Indian Res.	0626	Rolette	9 48 50	99 45	1960	-	-	-	7P Turtle Mt. Ind. Ag.	2 3 5	Worlitz	8535	Burke	5 49 00	102 16	1850	6P	-	WID U.S. Custom Sta.	2 3 5	C
Belfield	0639	Stark	4 46 53	103 11	2592	-	-	-	7P Carl Indergard	2 3 5	Worlitz	8565	La Moure	12 48 33	98 44	1585	6P	-	GP Benny L. Erickson	3	7
Berthold	0729	Ward	12 48 19	101 44	2080	-	-	-	GP Joseph S. Cox	2 3 5	Worlitz	8620	Dickey	5 46 08	98 05	1320	8A	-	8A E. Carrie Murray	2 3 5	7
Bismarck	0766	Mercer	4 47 18	101 47	1780	-	-	-	6A Mont. Dak. Util. Co.	2 3 5	Worlitz	8657	Walsh	10 48 23	97 45	994	6P	-	GP Martin Severson	2 3 5	7
Bismarck 2B Airport	0796	Towner	2 48 37	99 22	1600	-	-	-	GP Robert J. Kirk	2 3 5	Worlitz	8667	McIntosh	8 47 57	102 08	1929	6P	-	GP C. E. Shubert	2 3 5	7
Bismarck 2B Airport	0819	Burlingame	8 46 46	100 45	1650	-	-	-	WID U.S. Weather Bureau	2 3 5	Worlitz	8947	Pembina	10 49 00	97 14	780	4P	-	WID U.S. Custom & Imm.	2 3 5	C
Bismarck 2B ENR	0827	Burlingame	8 46 51	100 33	1709	-	-	-	SA KFYR Transmitter	2 3 5	Worlitz	9027	Nelson	10 48 01	98 00	1524	5P	-	GP Rev. Dean monon	2 3 5	7
Bottineau	0941	Bottineau	12 48 50	102 27	1640	-	-	-	SA M.D. Sch. of Frater	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	0961	Burke	12 48 48	102 15	1953	-	-	-	SA Felix Adams	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	0995	Bowman	3 46 11	103 23	2980	-	-	-	SP O. B. Book	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	0998	Bowman	3 46 04	103 19	2810	-	-	-	GP Bernard L. Donagala	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	1001	Glope	7 46 35	103 31	2505	-	-	-	SP John H. Benson	3	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	1032	Morton	1 46 34	100 58	1730	-	-	-	WID Frank E. Potter	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	1124	Stutsman	5 47 04	98 48	1572	-	-	-	WID W. B. Hendrickson	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	1216	Rettinger	1 46 36	102 08	2344	-	-	-	GP Jacob Gruhele	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	1225	Morton	2 48 50	100 40	1880	-	-	-	WID Earl R. Ward	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	1288	Towner	2 48 29	99 12	1481	-	-	-	WID Barry B. Barrie	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	1300	Poster	8 46 27	98 08	1585	-	-	-	SA Andrew C. Helnitz	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	1365	Grant	4 46 25	101 34	2300	-	-	-	WID Vincent Wugli	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	1370	Grant	4 46 25	101 34	2310	-	-	-	SA W. D. Drummond	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	1435	Pembina	8 46 48	97 38	1889	-	-	-	GP Willie Hanson Pico	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	1458	Oliver	8 47 07	101 18	2100	-	-	-	7P Fred L. Bolaz	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	1686	Steele	10 47 14	97 39	1190	-	-	-	GP John P. Burdill	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	1696	Burke	12 48 54	102 47	1930	-	-	-	GP J. D. Sundell	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	1768	Griggs	11 47 26	98 07	1428	-	-	-	SP Deland M. Harson	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	1816	Stutsman	5 47 04	98 34	1523	-	-	-	SP G. B. Banawa	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	1871	Divide	12 48 54	103 18	1954	-	-	-	GP Vernon V. Nichols	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	2018	Dawson	8 46 52	99 45	1730	-	-	-	WID Ralph W. Wise	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	2158	Ramsey	2 48 07	98 52	1471	-	-	-	WID U.S. Weather Bureau	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	2183	Stark	4 46 47	102 48	1495	-	-	-	WID U.S. Civil Aero Ada	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	2198	Stark	4 46 53	102 48	2460	-	-	-	7A Dickinson Exp. Sta.	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	2242	Ward	12 48 31	101 53	1760	-	-	-	GP Fred E. Feldner	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	2298	McHenry	12 47 55	100 22	1634	-	-	-	SA Ed. J. Evans	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	2365	Dunn	5 46 20	102 38	2232	-	-	-	7A Chesley M. Dinkins	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	2472	Bottineau	12 48 39	101 07	1495	-	-	-	7A John H. Fischer	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	2482	La Moure	5 46 20	98 42	1568	-	-	-	WID M.D. Agri. Exp. Sta.	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	2525	Ramsey	2 48 25	98 29	1520	-	-	-	SP Mike Davis	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	2592	Grant	1 46 21	101 49	2241	-	-	-	GP Art A. Seilinger	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	2605	Dickey	3 46 06	98 31	1460	-	-	-	GP Paul Green	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	2695	Ramson	11 46 38	97 30	1120	-	-	-	7A Leonard Peterson	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	2735	Williams	8 46 17	103 21	2224	-	-	-	GP E. F. Carpenter	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	2767	Benson	11 48 02	99 46	1630	-	-	-	WID Lyle O. Fering	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	2809	Billings	7 47 11	103 13	2750	-	-	-	GP John Petryszak	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	2839	Benson	8 46 48	98 48	1240	-	-	-	WID U.S. Weather Bureau	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	2949	Wells	5 47 39	99 37	1620	-	-	-	GP Emil B. Rust	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	3009	Morton	1 46 27	101 14	1930	-	-	-	SA George W. Sinclair	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	3019	Burke	12 48 54	102 23	1940	-	-	-	GP Palmer M. Dunham	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	3064	Dickey	5 46 04	98 36	1988	-	-	-	GP Theodore A. Birch	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P Arthur J. Kenney	2 3 5	7
Bottleau	3117	Gargant	10 47 06	97 39	1390	-	-	-	GP Art A. Seilinger	2 3 5	Worlitz	9047	Kidder	8 47 07	99 31	1853	7P	-	7P		

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

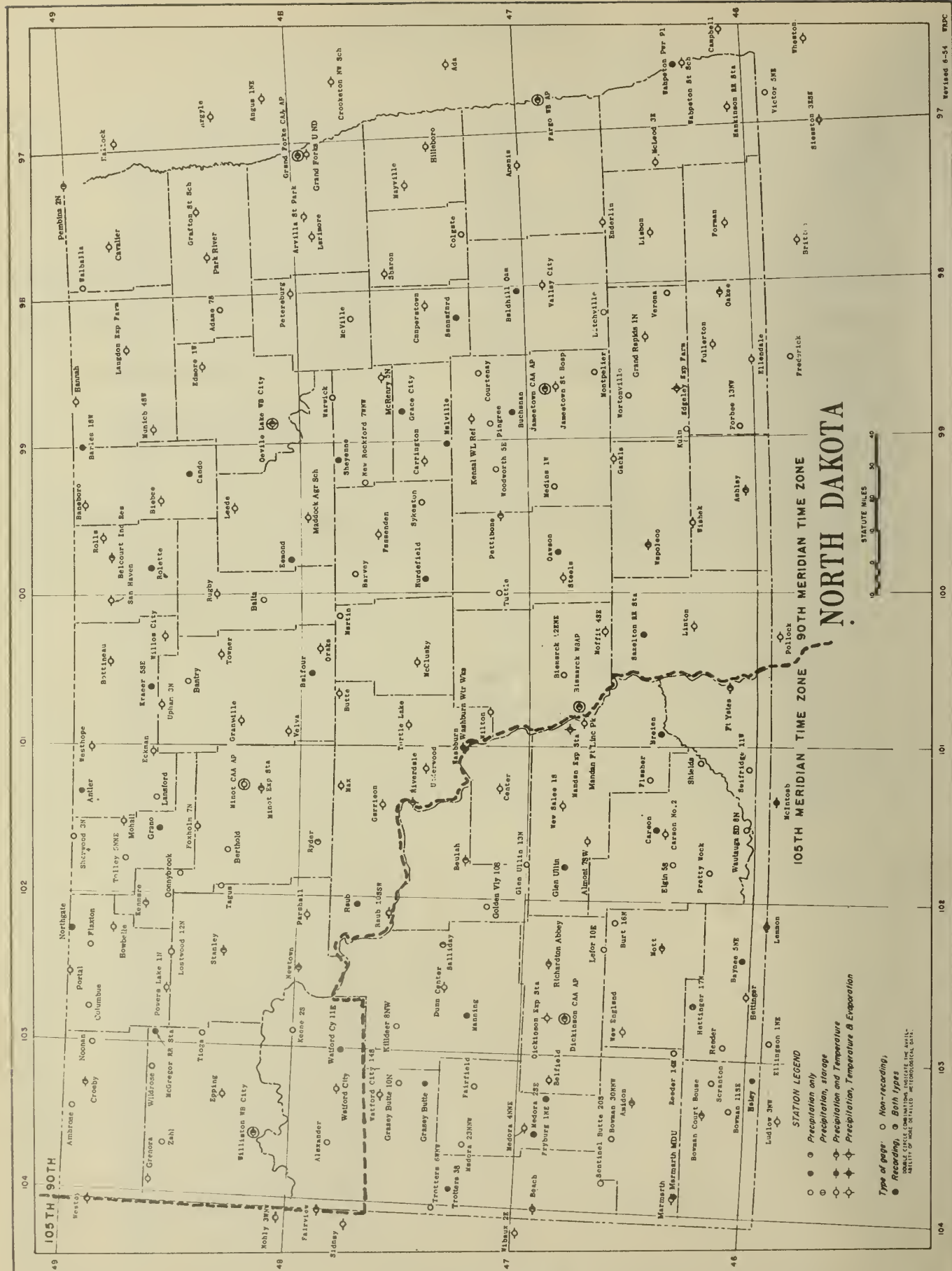
Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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Cap. 2

U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

AUGUST 1955

Volume LXIV No. 8



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NORTH DAKOTA - AUGUST 1955

WEATHER SUMMARY

August was hot. Temperatures averaged 71.2° or 4.2° above normal. It was the hottest August since 1949 when the temperatures averaged 71.2°. Temperatures averaged 72.9° in August 1937, the only hotter August of record. Rainfall in August 1955 averaged 1.69 inches or 82% of normal. The hot weather hastened the maturity of all crops and provided a favorable harvest season.

Temperatures on most days averaged considerably above normal. The several brief periods of near-normal temperatures were the 4th to 10th, 14th and 15th, 21st and 22d, and the last three days of August. Very high temperatures occurred during the first few days, on the 13th, and from the 17th to 20th. In general, maximums ranged from the low 90's over the northeastern counties to 100° or slightly higher over many southern and western counties. The highest temperature for the State was 104° registered at Watford City 14S on the 12th and at Kensal on the 18th. Most stations over western North Dakota registered their lowest temperatures on the 29th or 30th. Over the central and eastern parts, the coldest temperatures occurred on the 31st at most stations. The lowest for the State was 33° at Medora 4NNE on the 30th and at Belcourt on the 31st. Monthly mean temperatures ranged from 65.3° at Munich 4SW to 75.0° at Fort Yates. Monthly mean temperatures were above normal at all stations with departures exceeding 6.0° in the extreme southwest and in the extreme northeast. Elsewhere over the State, monthly mean temperatures were mostly from 2.0° to 5.8° above normal.

Most stations received light showers on several days during August. Some stations received daily amounts exceeding 1.00 inch on one or two days. Hail occurred at a number of stations. Monthly totals of rain ranged from 0.09 inch at Trotters 6WNW to 4.04 inches at Mohall. In general, the extreme northeast and the west central areas received less than 1.00 inch of rain during the month and many northern counties (except in the extreme northeast), many counties along the southern boundary of the State, and a few central stations received over 2.00 inches.

The hot August weather favored the maturity and harvest of crops. There was a minimum of rust damage on wheat. By the end of the month, the rye harvest had been completed, the harvest of wheat, barley, and oats was nearing completion, one-fourth of the flax was in the bin, and corn ensilage operations had begun in the southern part of the State. The hot dry weather caused early drying of range and pasture feeds although a good supply of fall and winter range feed remained. Stubble fields were furnishing feed for livestock which were in good condition. Supplies of hay and ensilage were plentiful in all parts of the State.

Lucius W. Dye

STORMS

Wind and dust storms struck the eastern half of North Dakota Wednesday night August 3rd. Grand Forks reported a gust of 86 mph at about 8:15 p.m. and Fargo reported 84 mph about 9:15 p.m. Heavy hail was reported in McLean and Grand Forks Counties. Valley City had a few power lines down. Trees were blown down and a barn destroyed at Page and a plate glass window blown in at Fargo. Also wrecked at Fargo was a small circus. One man was slightly injured. The windstorm did considerable damage to barns and other farm buildings over a wide area.

The most destructive storm during the month occurred in the Bismarck-Mandan area about 7:30 p.m. on the 5th. The storm came from the northwest and the destruction occurred in a path about 15 miles long and 4 miles wide. Much damage occurred in both Bismarck and Mandan. It was a straight line blow. About a dozen houses were severely damaged and about 2000 were slightly damaged. Hundreds of trees were severely damaged or destroyed. There was also hail damage but only because the hail was driven by a very high wind. Winds were estimated at about 80 miles per hour and damage was estimated at a half million dollars. The storm was not severe at the Weather Bureau Airport Station two miles south of Bismarck. A storm of major proportions also struck in McIntosh County on August 5th. The path was about eight miles wide, including the town of Lahr. Crops and many farm buildings were damaged. This storm may possibly have been a tornado. High winds, rain, and hail caused considerable farm damage in Golden Valley County in the extreme western part of the state also on the 5th.

More than the usual amount of hail damage occurred during August, mostly during the first half of the month.

A tornado occurred 14 miles west of Washburn in McLean County during the late afternoon of August 3rd. Only one farm was in its path and the barn, garage, chicken coop, hog shed, and steel grain bin were destroyed.

A small tornado occurred late in the afternoon on August 10th in southern Benson County. A large barn was destroyed and some crops were damaged. Farmers parked at Oberon observed the funnel swoop down upon the farm and rise again after hitting the barn.

F. J. Bavendick

SUPPLEMENTAL DATA

NORTH DAKOTA
AUGUST 1955

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
BISMARCK WB AIRPORT	E	14	10.7	56	NW	5	72	83	45	41	7	6	3	0	0	0	16	82	4.1
DEVILS LAKE WB CITY	-	-	7.5	31	NW	16	-	-	-	-	3	2	4	1	1	0	11	81	3.6
FARGO WB AIRPORT	SSE	16	13.5	71	NW	3	77	86	50	48	4	2	5	0	0	0	11	66	4.3
WILLISTON WB CITY	-	-	6.6	35	NE	5	-	74	41	35	3	4	1	1	0	0	9	82	3.6

COMPARATIVE DATA

Table 1

AUGUST

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall
1892	67.3	105	24	2.39	.0	1917	65.2	105	32	0.82	.0	1942	66.3	105	33	3.09	.0
1893	66.7	109	29	1.31	.0	1918	66.5	102	34	3.38	.0	1943	67.7	104	31	2.61	.0
1894	68.8	102	30	1.14	.0	1919	67.9	101	30	1.59	.0	1944	65.6	102	34	4.37	.0
1895	64.5	104	24	1.57	.0	1920	68.8	108	28	1.53	.0	1945	67.1	105	32	1.68	.0
1896	64.7	107	21	1.12	.0	1921	67.2	108	31	1.98	.0	1946	65.2	104	29	1.62	.0
1897	64.1	106	29	1.18	.0	1922	69.8	115	33	1.31	.0	1947	70.9	110	34	2.67	.0
1898	65.4	104	24	1.69	.0	1923	63.0	97	28	1.84	.0	1948	68.6	103	35	1.83	.0
1899	65.2	97	32	2.83	.0	1924	63.8	102	28	1.57	.0	1949	71.2	111	30	0.99	.0
1900	70.4	114	33	5.06	.0	1925	67.9	110	29	1.04	.0	1950	64.1	97	29	1.49	T
1901	66.9	100	32	1.77	.0	1926	65.6	105	36	2.37	.0	1951	63.8	101	35	4.09	T
1902	64.3	96	26	2.30	.0	1927	63.4	96	28	3.13	.0	1952	67.3	105	31	2.31	T
1903	63.7	103	35	4.68	.0	1928	64.8	105	25	3.09	.0	1953	69.6	103	39	1.78	T
1904	63.3	102	31	1.61	.0	1929	68.5	106	26	0.77	.0	1954	66.4	102	36	2.74	T
1905	67.5	107	34	2.43	.0	1930	70.4	104	32	1.45	.0	1955	71.2	104	33	1.69	T
1906	66.3	105	31	1.84	.0	1931	67.0	105	30	2.09	.0						
1907	64.5	104	26	1.73	.0	1932	68.3	100	28	1.89	.0						
1908	63.2	104	25	2.16	.0	1933	68.5	104	31	0.75	.0						
1909	69.8	109	27	2.23	.0	1934	67.4	108	25	1.15	.0						
1910	63.1	109	24	1.46	.0	1935	66.2	109	26	2.35	.0						
1911	62.2	98	23	3.21	.0	1936	69.8	110	29	1.40	.0						
1912	63.4	118	32	2.88	.0	1937	72.9	109	40	1.52	.0						
1913	68.9	106	30	2.63	.0	1938	69.8	109	33	1.50	.0						
1914	64.2	101	26	2.29	.0	1939	68.6	105	32	2.10	.0						
1915	64.4	100	19	1.18	.0	1940	67.8	103	33	2.05	.0						
1916	66.0	100	26	2.67	.0	1941	68.8	111	32	2.86	.0						

AVERAGES FOR THE PERIOD 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature										Precipitation																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
											Max.	Min.	Total	Max. Depth on Ground					Date	.10 or More	.50 or More	1.00 or More																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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CLIMATOLOGICAL DATA

NORTH DAKOTA
AUGUST 1955

TABLE 2 - CONTINUED

Station		Temperature										Precipitation													
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days			
											Max.	Min.	90° or More Below	32° or Below					0° or Below	Total	Max. Depth on Ground	Date	1/8 or More	1/4 or More	1/2 or More
MUNICH 4 SW		79.6	50.9	65.3		90	2	36	31	60	1	0	0	0	2.74		1.55	17	0.0	0		6	1	1	
OAKES	AM	83.4	60.1	71.8	2.7	97	21	43	31	9	7	0	0	0	2.61	- 0.06	1.00	6	0.0	0		5	2	1	
PARK RIVER		87.4	57.8	72.6	6.0	97	3	43	29+	5	14	0	0	0	1.59	- 0.71	1.25	17	0.0	0		2	1	1	
PEMUNA 2 N		86.9M	55.7M	71.3M	6.6	95	18+	37	31	19	12	0	0	0					0.0	0					
PETERSBURG		86.1M	57.7M	71.9M							6	8	0	0	0	2.15	- 0.21	1.57	17	0.0	0		3	1	1
SHARON		84.5	57.5	71.0	3.1	99	18	43	31	10	6	0	0	0	1.19	- 1.18	0.45	19	0.0	0		4	0	0	
VALLEY CITY		87.6	58.4	73.0	5.3	101	18	40	31	11	11	0	0	0	1.05	- 1.49	0.57	6	0.0	0		5	1	0	
WAHPETON STATE SCHOOL		87.2	57.9	72.6	3.9	98	18+	44	31	8	10	0	0	0	3.32	0.45	2.42	6	0.0	0		3	1		
DIVISION				71.3	4.3										1.98	- 0.53			0.0						
MIDDLE DIVISION																									
ASHLEY		85.4M	56.7	71.1M	3.9	98	17+	35	31	16	8	0	0	0	1.92	- 0.52	0.99	6	0.0	0		5	1	0	
RELCOURT INDIAN RES		81.1	52.3	66.7		94	?	33	31	51	4	0	0	0	2.54		0.91	17	T	0		6	1	0	
RISREE		83.9M	55.1	69.5M	3.8					16	9	0	0	0	2.52	0.17	1.89	18	0.0	0		3	1	1	
RISMARCK WB AP	R //	87.0	58.5	72.8	3.5	102	17	43	31	7	13	0	0	0	1.04	- 0.46	0.40	5	0.0	0		3	0	0	
BOTTINEAU	AM	83.0M	52.5M	67.8M	2.9	95	3+	40	7+	42	1	0	0	0	2.32	- 0.13	0.62	17	0.0	0		6	2	0	
RUTTE	AM	84.6	55.5	70.1	2.9	96	3+	44	31	18	9	0	0	0	1.27	- 0.67	0.46	16	0.0	0		4	0	0	
CARSON NO 2	AM	88.9	58.2	73.6	5.0	101	18+	42	31	9	14	0	0	0	0.53	- 1.13	0.24	6	0.0	0		1	0	0	
CENTER		85.8	54.9	70.4	2.4	100	17+	43	10+	15	10	0	0	0	1.40	- 0.31	0.48	28	0.0	0		5	0	0	
DRAKE	AM	84.3	57.1	70.7	3.1	96	3	44	31	15	9	0	0	0	0.91	- 1.11	0.31	28	0.0	0		4	0	0	
ECKMAN 2 SE	AM	83.8	53.0	68.4	3.4	96	3+	42	31	18	6	0	0	0	2.02	- 0.14	0.92	17	T	0		3	2	0	
FESSENDEN		85.6M	56.7M	71.2M	4.5	97	18	39	31	19	9	0	0	0	1.34	- 0.84	0.93	19	0.0	0		3	1	0	
FORT YATES		89.7	60.2	75.0	5.3	101	20	42	31	6	16	0	0	0	2.59	- 0.70	1.24	6	T	0		5	2	1	
FOXHOLM 7 N		88.1	55.4	71.8	5.2	101	12	40	31	12	13	0	0	0	0.74	- 1.24	0.31	14	0.0	0		3	0	0	
GARRISON	AM	85.2M	55.8M	70.5M	3.9					13	10	0	0	0	1.67	- 0.27	0.59	17	T	0		4	1	0	
GRANVILLE		85.2	56.4	70.8	5.1	97	2+	42	31	13	9	0	0	0	2.22	- 0.35	1.10	17	0.0	0		6	1	1	
HANSBRO		82.9M	53.9M	68.4M	4.9	97	2	37	31	32	7	0	0	0	2.08	- 0.24	0.55	16	T	0		7	1	0	
LEEOS		84.5	54.3M	69.4M		97	2	36	31	27	10	0	0	0	2.40		1.90	17	T	0		3	1	1	
LINTON		88.7	59.5M	74.1M	4.0	103	3	42	31	9	14	0	0	0	1.98	- 0.10	1.15	5	T	0		5	1	1	
MAODOCK AGR SCHOOL		85.8	56.3	71.1	4.6	97	2	40	31	17	10	0	0	0	1.97	- 0.34	0.63	4	T	0		5	1	0	
MANDAN EXP STATION	AM	85.4	58.8	72.1	3.2	99	18	44	31	14	12	0	0	0	1.70	0.12	0.67	28	0.0	0		4	2	0	
MANDAN FT LINCOLN PARK		89.0	54.2	71.6		100	18+	40	31	11	16	0	0	0	1.12		0.36	28	0.0	0		4	0	0	
MAX	AM	84.7	55.7	70.2	2.8	97	3	43	29	16	9	0	0	0	2.52	- 0.64	0.93	17	T	0		6	2	0	
MC CLUSKY		85.3	58.5	71.9	4.7	97	2	40	31	13	10	0	0	0	1.61	- 0.32	0.64	16	0.0	0		5	1	0	
MINOT CAA AP		84.0	56.0	70.0	4.4	98	2	45	31	13	9	0	0	0	1.27	- 0.65	0.69	16	T	0		2	1	0	
MINOT EXP STATION	AM	84.2	56.2M	70.2M		97	3	46	31	19	9	0	0	0	1.51		0.57	16	0.0	0		4	2	0	
MOFFIT 4 SE		86.8	54.8M	70.8M		99	17	38	31	17	13	0	0	0	1.32		0.45	6	0.0	0		4	0	0	
MOHALL		84.9	54.9	69.9	5.1	101	12	41	31	13	6	0	0	0	4.04	- 2.13	1.07	17	0.0	0		8	3	2	
NAPOLEON		86.3	57.8	72.1	5.0	99	20	39	31	14	11	0	0	0	1.68	- 0.52	0.93	5	0.0	0		4	1	0	
NEW SALEM 1 S		87.0	57.2M	72.1M	4.2	101	18	42	31	12	11	0	0	0	0.35	- 1.38	0.30	28	0.0	0		1	0	0	
PETTIBONE		85.0M	56.7M	70.9M	2.4	95	2+	40	29	19	9	0	0	0	3.10	0.95	1.45	16	0.0	0		6	2	0	
RIVEROALE	AM	85.7	57.8	71.8	97	19	46	31	11	12	0	0	0	0	1.77		1.16	28	0.0	0		2	1	1	
ROLLA		81.4	54.3	67.9	2.3	93	2	41	31	26	5	0	0	0	3.25	0.76	1.12	16	T	0		7	3	1	
RUGRY		86.2	57.6	71.9		97	2	42	31	13	12	0	0	0	2.64	0.64	1.53	17	0.0	0		3	2	1	
SAN HAVEN		82.1	56.6M	69.4M	4.8	94	2	44	7+	24	4	0	0	0	1.93	- 0.43	0.98	17	0.0	0		5	1	0	
STEELE		86.4	56.9M	71.7M	4.4	100	17	40	31	20	11	0	0	0	1.51	- 0.67	0.59	6	0.0	0		3	2	0	
TOWNER		85.2	53.5	69.4	3.2	96	2	39	31	23	10	0	0	0	1.86	- 0.12	1.52	17	0.0	0		2	1	1	
TURTLE LAKE		86.5	57.3	71.9	4.6	99	2	45	31	12	12	0	0	0	3.25	1.27	1.12	3+	T	0		7	2	2	
UNOFERWOOD	AM	86.3M	55.5M	70.9M	2.6	98	3+	43	31	17	11	0	0	0	1.62	- 0.29	0.62	4	0.0	0		4	2	0	
UPHAM 3 N		87.2	53.5	70.4		98	2+	40	31	18	12	0	0	0	1.56		0.54	3	0.0	0		3	1	0	
VELVA		84.8	56.1	70.5	3.7	95	12+	40	31	19	10	0	0	0	0.50	- 1.72	0.16	16	0.0	0		2	0	0	
WASHURN		87.8	56.0	71.9	3.8	101	18	43	31	14	15	0	0	0	1.85	0.22	0.68	6	0.0	0		5	2	0	
WESTHOPE		83.3	55.0	69.2	3.7	96	12	43	31	22	4	0	0	0	2.20	- 0.19	0.78	17	0.0	0		5	2	0	
WILLOW CITY		84.2	52.2	68.2	4.0	97	2	35	31	31	8	0	0	0	1.71	- 0.33	0.78	3	T	0		2	2	0	
WILTON		84.7M	55.9M	70.3M	2.6	98	18	40	31	20	6	0	0	0	2.17	0.46	0.72	6	T	0		6	2	0	
WISHEK		88.1M	55.8M	72.0M	5.0	100	18	35	31	17		0	0	0	0.90	- 1.29	0.41	6	0.0	0		3	0	0	
DIVISION				70.7	3.8										1.83	- 0.19			T						
WESTERN DIVISION																									
ALMONT 7 SW		88.7	59.0	73.9		103	18	47	29	4	14	0	0	0	0.60		0.17	19	0.0	0		2	0	0	
AMIDON	AM	87.3	56.4	72.1	3.7	100	14	42	30	15	13	0	0	0	1.45	- 0.10	0.39	24	T	0		4	0	0	
BEACH	AM	88.1	55.9	72.0	4.8	100	19	36	30	18	15	0	0	0	0.60	- 1.00	0.32	24	T	0		2	0	0	
BEFIELD																									

NORTH DAKOTA
AUGUST 1955

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S	2.21				.10					.04				.10				1.65	.22	.04					.04	.02						
ALEXANDER	.76					.04	.22							.02	.07			.37														
ALMONT 7 SW	.60		.05												.08						T		.05	.03					.05		.13	
AMHROSE 3 N	2.26			.30			.30											.08		.17								.35				
AMENIA	2.50	1.70	.05		.06	.25				.05								.06				.07						.16				
AMIDON	1.45		.23		.07	.35														.08					.39							
ARVILLA STATE PARK	2.42	.18	.19		.26													.87		.36			.33							.54	.02	
ASHLEY	1.92		.19		.28	.99		T	.06							T	T			.12		.01	.22				.05				.07	
BALTA	1.64												.06			T	T			1.22	T						.03					
BANTRY	1.78			.19	.38													1.02							T		.13					
BEACH	.60				.15	.06									.02	.02		.01			.02					.32						T
BELLCOURT INDIAN RES	2.64			.48						.02			T		.05	.18		.45	.91		.34	T									.11	
RELFIELD	.78	.12	.03		.12	T	.03	.10							.08			T					T	.24					.03	.03		
BERTHOLO	.62			T		.01									.28			.30							.01				.02			
REULAH	1.03		.05			.44														.08	.14	T		.04							.28	
BISBEE	2.52																		1.89		.21			.02				.40		.15		
RISMARCK WB AP	1.04	T	.01	.07	.04	.40	.05									T		T	.07		.24	T		.01			T	T		.27		
BISMARCK 12 ENE	1.41		.04		.26	T	.50												T		.34	T		T	.01		.01	T		.02	.57	
BOTTINEAU	2.32			.27	.01		.40							.17	.15			.05	.62		.40	.03		.23		.06		.06	T	.02		
BOWBELLS	2.18			.48											.71																	
BOYMAN COURT HOUSE	.90	.12	.11			.07														.09		.03		.20	.08							
BOYMAN 11 SE	1.24	.54	.18			.19												.20		.09		.01		.20	.08						.05	
BOYMAN 30 NW	1.41	.09				.80										T				.05				.30	.17							
BURT 16 N	.23	.08																			.08		.04									
RUTTE	1.27				.02													.46	.15		.02	.03		.17						.02	.40	
CARRINGTON	2.18	.88			.21	.44												.19			.23					T		.01	T		.11	.12
CARSON NO 2	.53	.02		T	.02	.24															.09	.03	.08	.04			.01	T				
CAVALIER	1.23				.29					.04						T	.02		.82								.06	T				T
CENTER	1.40	.29			.34	.14															.12				.03	T		T			.48	
COLGATE	1.08	.22	.26		.33	.05				.01								.03				.16									.02	
COLUMBUS	1.43			.31		.30												.21								.06	.03	.06				
COOPERSTOWN	1.66	.46	.19		.55	.04				.10								T	T				T	T								
COURTENAY	.76	.14	.39															.07			.08											
CROSBY	1.41			.51		.12									.17	T		.46					.04	T					.11		.08	
DEVILS LAKE WB CITY	2.80			.60										T	.18	T	1.51	.19		.10			.01					.13	T			
DICKINSON CAA AP	.42	.10			.03	.12								T	T						T		.02	.05							.07	
DICKINSON EXP STATION	.81	T	.27		T		.20							T						.02			T			.78						
DRAKE	.91				.07					.04								.16	.15													
DUNN CENTER 2 SW	.64					.50																			.13							
ECKMAN 2 SE	2.02	T			.60		.03											.92		.02		.02					.01				.08	
EDGELEY EXP FARM	2.49	.04	.33			.90						T						.04			.15	.02		.76			.20	.04		.01		
EDMORE 1 W	2.62			.41						.34				T	.15			1.64		T	T						.08					.01
ELGIN 5 S	.68	T	.11		.17	.23				.04										.10		.03	.15	T			.22	.01		.06		
ELLENDALE	3.05	.22	.19			1.83												.04		.09		.07	.09	.08			.22					
ENDERLIN	1.67	.02	.05			.80					.16										.19	T					.35	T				
EPPING	1.60			.31		.14						T			.25	.66								.04	T				.20			
FAIRFIELD	1.23	T			.05					T			T							T					T						.06	
FARGO WB AP	1.11	.03	.10	T		.18	.21			.28											.05	T										
FESSENDEN	1.34				.06	.10												.05	T		.05		T				.26				.06	
FLASHER	1.47					.76				.05																						
FLAXTON	2.54			.24		.40																										
FORDS 13 NW	1.22	.02	.11							.66																						
FORMAN	2.43					1.75							.03							.14		.02		.03	.18							
FORT YATES	2.59		.23	T	.03	1.24				.10										.14		.06	.09	.72								.04
FOXHOLM 7 N	.74			.24																												.05
FULLERTON	3.17		.32		.12	1.48				T							.31	.10	.03				.01									
GACKLE	2.30	T	.05							.07											.08		.15	T								
GARRISON	1.67		.03	.49		.15												.08	.04		.59										.74	
GLEN ULLIN 13 N	1.02		.25	T		.01	.08											.17	T				.02	.14							.31	
GOLDEN VALLEY 10 S	1.45					.47														.02												
GRAFTON	1.37				.22									.10																		
GRAND FORKS CAA AP	1.89	.39	.02	.30						.05					.08			.30	.53		.25							.05				.12
GRAND FORKS UNIVERSITY	1.09	.41	.01		.33					.10								.72		.33		.03						.07				T
GRAND RAPIDS 1 N	2.12		.38		.05	.66		.07	T											.18	.03	.03	.09	.46			.23	T	T		.02	
GRANVILLE	2.22			.48																.08		.10	.10				.17	T			.04	
GRASSY RUTTE 10 N	1.00					.06												.37							.10							
GRENORA	1.00																															
HAGUE	1.52	.02	.09			.79				.06																						
HALL IDAY	.56					.22														.05	.22											
HANKINSON R R STATION	2.71	.06	.09		T	.01	1.52						.02							.03		.09	.17									
HANNAH	1.51				.20																											
HANSBRO	2.08			.36	.11															.27	.86		.04	.01								
HARVEY	.18									.11										.55	.44		.04	.02								
HETTINGER	2.86	.04	.06	.04	.03	1.18		.06	.05							T	</															

See reference notes following Station Index.
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DAILY PRECIPITATION

NORTH OAKOTA
AUGUST 1955

Table 3—Continued

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ROCKFORD 7 WNW	1.33		.01	.25						.07							.08						.09				.51		.32				
NEW SALEM 1 S	.35	T																T					.02	T								.30	
NEWTOWN	.79						.02						.10		.22																		
NOONAN	1.19			.35			.09								.32	.43		.33															
NORTONVILLE	1.70						.76								.24							.05			.65				.12				
OAKES	2.61	.09	.22	T		.12	1.00				T	T						T			.06	.05	.02	.70		.30	.03			.02			
PARK RIVER	1.59				.09													1.25		.16	.04					.30	.03						
PARSHALL	1.28			.02			.03						.10		.25				.55				T	T			.03	.02		.25	.08		
PEMBINA 2 N	.93				.40					.05										.18												.02	
PETERSBURG	2.15				.34												1.57			.18		.03											
PETTIBONE	3.10		.05		.66		.38										1.45			.15				.03	.13							.25	
PINGREE	1.32		.10		.78		.13								.05			.06		.15												.04	
PORTAL	1.84			.22			.37								.70					.16		T											
POWERS LAKE 1 N	3.07			.31		.11								1.31				.31							.18	.02		1.05	.04				
PRETTY ROCK	2.55	.25		T	.04		1.62		.11								.03			.10		.13	.14					.02				.11	
RAUB 10 SSW	1.31	T		.15		.40			.20							.14		.05	.05	T												.21	
REEDER	2.61	.57	.06			T	.45		.12					.39	.04		.19			.11	.03		.10	.52								.03	
REEDER 14 N	2.11		.34		.02		.78								.08				.44		.07	T	.11	.02	.25								
RICHAROTON ABBEY	.93		.23		.01		T								T					.17	T		.01	T	T	T	T	T	T			.24	
RIVEROALE	1.77		T		.06		.43			.01					T		.26	.05		.02	.05	T		T	T	T	T	T	T			1.16	
ROLLA	3.25			.16							.14				.04	.14	1.12	.86		.16	T		T	T		.04	T	.07				.52	
RUGBY	2.64				.96								T		T			.153		.13							.07						
RYOER	1.87	T		.42	T											.18		.49															
SAN HAVEN	1.93			.16	.02					.08					.05	.18	.02	.98		.15					.51		.01	.22	.05				
SCRANTON	2.28	.09	.25				.50										.37			.12		.09	.11	.65			.01	.26	.02			.10	
SELFRIEGE 11 W	.58	.18	T		.08				.08		.02						.02									.04	.05	.08	.02				.01
SENTINEL BUTTE 20 S	1.20						T																	.49	.05	.56							
SHARON	1.10		.08		.32		.04													.65	.16												
SHERWOOD 3 N	1.49			.20			.24								.40		.05	.14		.01													
SHIELOS	1.55		.31		.03		.64			.15										.08		.05	.25	.39		.05		.15				.04	
STANLEY	1.64			.05											.04	.49							.05									1.01	
STEELE	1.51		.07		.06		.59		T	T										.15	T											.55	
SYKESTON	1.34				.50		.24										.15			.41	.04	.02		T									
TAGUS	.94			.16	T									.10	.06		.30	.10		.03				.04	T	.06			.09				
TIOGA 1 E	2.44			.23		.02									1.12		.26				.05											.76	
TOLLEY 3 NE	3.71			.83		.23									.63	.19		1.65		.06												.10	
TOWNER	1.86			.03														1.52	.24													.07	
TROTTERS 6 WNW	.09	T				T							T	T			.09							T	T	T							
TURTLE LAKE	3.25			1.12		.16	.14										.15	.05		.11												.40	
TUTTLE	3.54	.03			1.55		.46													.17				1.12	T	.25						.10	
UNDERWOOD	1.62		.12		.62		.60																										
UPHAM 3 N	1.56			.54										.29	.09	T	T		.02	.43		T						.05	T			.21	
VALLEY CITY	1.05						.57			.05										.11		.10										.07	
VELVA	.50			T	.08																												
VERONA	1.83	.03	.06		.09	.88											.16	.07		.01				.10				.11				.05	
WAMPEYON STATE SCHOOL	3.32	.04	.10		.03	2.42														.07		.04	.02	.09		.48						.03	
WALHALLA	.98				.04																												
WARWICK	.76				.22																												
WASHBURN	1.85	.15		.54		.02	.68		.07									.20		.24													
WATAUGA 5 DAK 8 N	1.41			T		.87											.08	.06															.17
WATFORD CITY	.32						.15							.05				.12															
WATFORD CITY 14 S	.18	T	.02		T	.03	.13																										
WESTHOPE	2.20			.08			.22			.01					.58		.02	.78															
WILOROSE	3.25			.31			.32								.12	.42																	
WILLISTON WB CITY	1.14			.15		.08									.80		.01																
WILLOW CITY	1.71			.78																													
WILTON	2.17		.12	.53	T	.01	.72											.06		.02	.72												
WISHEK	.90						.41			.08										.03													.40
WOODWORTH 5 E	3.30		.12		.95		.13										1.60																
ZAML	1.05			.45		.03									.01	.28		.17															.35

EVAPORATION AND WIND

Table 6

Station		Day of month																															Total or Avg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEVILS LAKE WB CITY	EVAP	.30	.26	.28	.23	.21	.22	.21	.26	.30	.23	.28	.37	.28	.16	.15	.17	.16	.25	.14	.15	.03	.04	.43	.21	.12	.07	.08	.19	.28	.19	.15	6.40
	WIND	40	38	28	36	21	46	24	55	74	52	38	58	56	35	8	12	6	26	17	7	39	7	26	25	39	11	5	21	63	13	58	984
EDGELEY EXP FARM	EVAP	.29	.26	.17	.31	.09	.45	.30	.19	.15	.19	.25	.30	.34	.45	.06	.20	.18	.24	.31	*	.34	.20	.11	.17	.21	.08	.08	.13	.12	.26	.27	6.70
	WIND	67	49	24	70	81	52	71	24	45	52	22	63	80	84	38	26	45	25	14	23	55	40	34	46	38	77	45	20	36	69	80	1515
MANOAN EXP STATION (A)	EVAP	.27	.19	.16	.33	.19	.31	.25	.29	.19	.27	.15	.31	.27	.34	.11	.14	.18	.18	.18	.10	.27	.20	.15	.21	.30	.14	.07	.26	.26	.32	.16	6.76
	WIND	112	94	28	133	91	112	109	128	147	105	45	104	159	210	85	63	128	62	36	42	96	63	112	66	109	114	49	79	82	182	67	3012
RIVERDALE	EVAP	.20	.30	.34	.35	.21	.32	.33	.34	.34	.32	.24	.35	.35	.57	.30	.22	.35	.33	.44	.42	.32	.23	.30	.27	.30	.28	.22	-	.23	.46	.20	9.55
	WIND	120	94	67	124	74	94	84	156	175	55	57	93	159	183	56	66	93	170	33	81	84	80	70	119	76	131	133	56	92	89	161	95

DAILY TEMPERATURES

NORTH DAKOTA
AUGUST 1955

Table 5

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALMONT 7 SW	MAX	93	96	100	75	86	80	84	86	83	90	92	97	98	79	88	88	99	103	82	99	83	86	87	95		97	80	95	91	76	79	83	88.7
	MIN	66	67	68	58	52	56	54	61	60	63	61	62	67	62	53	64	60	61	65	62	58	57	56	51		67	63	64	67	47	49	49	59.0
AMENIA	MAX	95	89	95	85	83	80	77	82	87	86	88	89	90	92	83	88	96	100	84	98	81	80	81	90		74	87	88	89	83	75	78	86.1
	MIN	62	68	66	62	57	62	50	53	62	52	49	56	63	63	59	51	64	61	65	63	62	46	55	56		56	61	68	64	52	56	45	58.4
AMIDON	MAX	93	86	95	97	72	85	77	84	92	78	87	90	98	100	80	86	87	97	97	93	81	85	87	88		91	81	91	83	74	75	87.3	
	MIN	62	63	62	57	54	54	50	61	56	50	55	63	59	64	54	63	65	56	66	60	52	53	55	55		66	64	60	52	42	48	56.9	
ARVILLA STATE PARK	MAX	91	91	97	90	80	79	80	84	81	83	92	91	90	85	83	87	92	100	91	92	88	83	83	85		81	80	92	93	84	73	82	86.5
	MIN	64	71	68	60		55	43	49	65	51		61	65	65	56	47	60	61	60	59	62	47	49	67		50	60	60	67	50	56	40	57.3
ASHLEY	MAX	97	96	97	87	82	77		76	78	85	85	88	91	80	83	85	98	98	85	98	80	78	85	90		78	82	88	86	78	75	76	85.4
	MIN	68	68	64	60	56	57	48	58	57	45	61	59	63	63	54	60	60	54	64	58	58	52	56	55		55	55	63	58	45	49	35	56.7
BEACH	MAX	93	90	95	94	75	85	80	87	94	80	89	91	99	97	79	88	92	95	100	93	91	80	88	87		89	93	88	91	76	75	77	88.1
	MIN	64	60	67	54	55	54	56	60	52	48	57	64	63	58	56	62	57	50	65	54	49	58	56	55		63	60	63	53	41	36	49	55.9
BELCOURT INDIAN RES	MAX	89	94	87	75	79	72	72	85	76	78	89	92	91	82	77	84	86	88	79	90	76	77	78	78		75	83	86	83	66	72	74	81.1
	MIN	60	69	58	53	44	50	47	53	54	47	45	53	57	59	55	53	54	54	59	56	51	41	51	55		53	54	56	59	41	52	33	52.3
BELFIELD	MAX	87	95	97	83	83	80	88	94	89	89	90	96	95	85	86	86	95	99	89	92	82	87	82	100		95	82	80	80	72	68	83	87.7
	MIN	63	59	63	56	51	53	46	56	52	43	50	61	57	57	51	61	60	49	56	53	52	52	52	56		63	60	60	50	42	40	43	53.8
BEULAH	MAX	87	89	93	97	73	80	78	80	86	79	87	88	95	94	77	83	84	97	98	82	95	77	82	77		85	90	78	90	81	71	74	84.7
	MIN	61	65	66	57	49	52	48	55	57	42	49	55	60	61	50	53	59	50	56	56	55	49	54	50		54	62	57	54	41	43	40	53.5
BISBEE	MAX	93	96	89	82	82	77	80	88	77	79	92	94	92	78	79	79	85	90	91		91	78	78	80		86	77	86	85	76	73	75	83.9
	MIN	57	71	56	54	52	56	44	57	58	48	50	56	60	58	53	54	52	57	63	64	58	57	50	55		53	55	59	62	46	53	40	55.1
BISMARCK WB AP	MAX	92	97	101	75	84	80	82	82	82	90	92	94	97	81	84	87	102	100	79	99	81	78	83	90		88	81	90	91	76	77	82	87.0
	MIN	67	70	67	60	54	59	51	63	55	49	60	65	71	59	53	60	62	57	64	58	58	52	58	54		67	66	60	56	45	50	43	58.5
BOTTINEAU	MAX	84	91	95	86	76	80	78	79	87	76	81	91	95			80	86	88	91	85	90	75	79	80		80	80	85	89	80	69	72	83.0
	MIN	63	69	57	53	50	53	40	58	51	40	53	52	51	45	55	57		56	60	61	52	49	57	51		51	50	59	55	42	42	43	52.5
BONBELLS	MAX	82	89	94	81	75	81	82	82	81	72	82	80	100	88	76	81	85	91	90	87	90	76	79	88		82	86	85	86	71	70	75	82.8
	MIN	64	63	57	51	46	50	45	61	46	45	49	56	65	57	49	55	53	53	59	56	46	50	55	47		58	59	59	52	45	42	43	52.8
BOWMAN COURT HOUSE	MAX	92	94	99	85	86	85	85	93	97	90	90	99	100	88	88	88	97	98	91	93	93	89	78	93		93	90	92	88	76	77	84	89.9
	MIN	63	60	65	56	55	57	52	61	57	52	52	59	62	58	52	62	57	57	64	57	56	57	57	56		65	63	60	52	43	42	46	56.6
BUTTE	MAX	87	95	96	84	75	80	78	81	84	78	83	90	95	96	77	83	85	93	94	79	94	76	78	80		83	88	83	88	85	71	73	84.5
	MIN	64	68	64	55	48	55	45	59	57	57	53	62	55	60	50	60	50	60	60	62	53	54	53	53		57	60	49	57	48	48	44	55.5
CARRINGTON	MAX	90	90	94	93	75	78	77	77	80	77	83	88	89	89	75	80	83	95	97	83	94	76	78	78		83	81	79	89	90	90	72	83.3
	MIN	63	67	65	57	51	51	45	54	57	49	50	57	61	61	52	52	56	58	58	57	59	49	53	56		57	60	60	57	45	48	37	54.8
CARSON NO 2	MAX	95	92	93	98	75	84	80	84	84	90	89	91	97	98	78	86	87	101	101	83	97	81	86	88		89	96	91	97	89	78	77	88.9
	MIN	66	62	65	59	53	58	50	59	60	56	61	60	67	62	51	64	58	59	69	59	58	54	56	54		67	64	58	61	47	45	42	58.2
CAVALIER	MAX	89	94	92	88	83	81	79	87	84	82	93	93	93	83	78	84	88	95	93	94	91	81	83	83		81	79	89	91	85	74	78	86.1
	MIN	60	67	66	59	54	57	49	50	62	54	49	60	63	64	57	52	59	64	63	62	61	47	52	59		53	57	61	64	50	56	46	57.3
CENTER	MAX	91	94	97	72	82	78	80	83	79	87	89	94	95	87	85	84	100	100	83	95	80	82	82	90		92	79	89	85	72	74	80	85.8
	MIN	63	67	65	60	50	57	40	53	56	43	52	54	57	67	50	59	57	58	62	59	57	48	53	49		62	62	55	54	43	45	46	54.9
COOPERSTOWN	MAX	90	92	93	92	78	78	77	82	78	84	88	89	91	87	80	87	97	100	98	95	82	80	81	86		84	81	91	90	88	74	78	86.2
	MIN	65	66	66	57	53	56	45	53	54	48	57	62	62	63	53	54	61	60	62	60	60	51	55	60		59	60	63	63	46	55	42	57.1
CROSSBY	MAX	92	95	92	75	84	82	85	93	90	82	92	95	91	76	84	90	91	91	91	87	76	79	89	82		88	82	87	79	72	75	84	85.5
	MIN	60	61	57	48	50	50	50	61	50	47	49			57																			
DEVILS LAKE WB CITY	MAX	94																																

DAILY TEMPERATURES

NORTH DAKOTA
AUGUST 1955

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX	87	94		96	75	81	79	80	84	80	88	89	95	95	78	83	85	93	95	85	93	79	83	83	83	91	82	90	83	72	75	85.2
	MIN	65	67		48	58	56	49	59	56	47	55	62	64	61	51	54	59	56	63	59	54	50	56	52	58	62	57	58	46	46	45	55.8
GRAFTON	MAX	90	91	95	93	83	80	78	85	82	82	91	89	91	85	79	83	88	97														55.2
	MIN	60	70	67	58	51	56	46	48	61	49	47	57	67	60	55	48	57	63	61	58	58	43	49	55	52	56	58	63	45	55	42	
GRAND FORKS CAA AP	MAX	92	90	98	79	84	79	80	84	80	83	91	90	80	86	79	86	91	101	85	93	76	80	82	84	78	79	91	92	74	73	79	84.8
	MIN	64	72	65	60	54	58	47	53	55	49	52	60	64	64	57	52	61	64	62	60	56	51	54	61	59	62	65	63	50	48	41	57.5
GRAND FORKS UNIVERSITY	MAX	92	90	94	98	81	76	77	82	80	82	90	89	89	86	77	84	89	96	85	92	83	79	81	85	77	80	87	90	82	73	75	84.5
	MIN	66	71	69	60	53	57	47	53	62	51	53	55	63	66	57	53	60	62	63	61	62	52	55	60	59	61	65	66	50	53	42	58.3
GRAND RAPIDS 1 N	MAX	94	94	96	91	83	79	77	80	79	85	87	91	89	82	83	87	97	98	95	97	93	75	83	87	78	82	87	85	80	75	77	86.0
	MIN	70	67	68	62	57	57	46	55	57	52	50	46	63	66	56	52	63	56	62	55	62	47	55	58	59	64	67	60	45	50	38	56.9
GRANVILLE	MAX	95	97	90	76	82	78	83	87	80	85	93	97	95	83	81	87	89	91	82	94	87	78	80	83	86	81	91	84	71	76	79	85.2
	MIN	63	62	62	57	51	55	46	62	55	55	52	62	65	62	50	59	59	57	66	60	58	52	56	52	59	60	58	57	45	49	42	56.4
GRENORA	MAX	97	95	94	75	84	82	85	93	92	84	93	93	87	77	85	89	92	96	95	94	78	82	88	87	91	91	87	76	73	77	86	87.0
	MIN	69	61	58	56	48	48	50	61	48	47	52	65	67	57	53	50	51	51	63	57	44	48	56	67	58	67	60	42	35	48	54.0	
HANKINSON R R STATION	MAX	96	93	88	95	76	84	80	74	79	81	85	87	86		88	80	85	95	97	83	96	78	75	75	88	79	82	81	84	79	75	84.1
	MIN	72	69	68	65	61	63	52	53	60	54	56	60	60		62	55	60	65	67	64	64	52	54	61	60	65	65	67	56	53	45	60.3
HANNAH	MAX	88	93	87	76	80	77	77	86	79	77	89	91	91	82	76	84	87	89	85	91	79	78	80	78	79	78	88	87	71	71	74	82.2
	MIN	55	67	56	54	49	47	40	59	56	45	49	59	64	61	52	44	56	61	58	58	58	48	48	50	52	53	57	58	43	50	36	53.0
HANSBORO	MAX	90	97	89	75	82	73	79	87		78	93	93	91	77	77	87	89	89	83	93	73	80	80	80	78	85	90	86	66	70	76	82.9
	MIN	59	70	58	55	48	52	42	54		50	49	55	62	61	53	49	56	61	61	60	52	47	51	52	53	55	58	59	46	51	37	53.9
HETTINGER	MAX	90	91	98	84	83	81	83	88	80	84	88	94	98		90	87	94	95														87.1
	MIN	63	61	64	54	54	53	58	57	53	55	55	57	57		56	53	56	57														55.3
HILLSBORO	MAX	93	90	94	91	82	80	80	83	82	86	90	89	89	90	81	87	95	100	96	98	90	82	82	88	81	86	90	91	77	74	78	86.9
	MIN	67	67	66	60	55	57	49	53	64	52	59	63	61	64	57	52	62	67	63		64											59.0
JAMESTOWN CAA AP	MAX	90	92	94	76	80	79	77	81	79	84	88	89	88	80	83	86	97	99	80	96	80	77	78	88	76	84	90	90	74	74	76	84.0
	MIN	65	69	67	57	55	53	46	55	54	49	51	58	63	63	55	53	61	59	61	56	54	49	55	58	61	63	62	59	48	48	40	56.4
JAMESTOWN STATE HOSP	MAX	92	95	97	88	83	78	77	81	80	86	90	91	90	83	83	87	100	101	91	99	87	79	80	88	80	85	90	91	80	74	77	86.5
	MIN	66	70	69	60	58	60	48	57	59	49	56	61	65	68	56	54	61	61	61	56	62	48	57	59	63	63	65	62	49	53	42	58.6
KENMARE	MAX	83	91	93	83	75	82	75	83	90	75	81	91	98	95	78	81	88	90	92	86	90	75	81	85	84	88	85	85	71	70	75	83.8
	MIN	60	65	58	54	50	52	50	62	50	50	47	53	62	59	50	55	56	58	60	59	48	51	53	52	55	57	59	60	45	45	45	54.2
KENSAL WILDLIFE REFUGE	MAX	95	97	96	89	83	81	81	80	85	90	90	87	89	85	83	88	102	104	96	102	83	83	80	92	87	85	94	93	79	77	80	88.3
	MIN	66	69	67	58	52	55	43	56	58	47	51	54	65	64	52	53	60	57	62	55	58	47	56	60	58	61	59	61	47	48	37	56.0
LANGDON EXP FARM	MAX	88	95	91	85	81	79	78	86	80	80	90	92	93	85	78	81	88	92	89	92	90	78	78	80	80	76	88	82	74	73	75	83.8
	MIN	58	68	62	55	51	52	42	55	58	46	52	61	63	61	53	48	57	61	63	52	58	48	50	52	54	56	59	60	47	53	39	54.7
LARIMORE	MAX	91	91	93	89	80	82	80	84	81	84	90	90	88	90	82	85	89	96	92	91	89	89	81	85	81	85	88	90	88	73	77	86.3
	MIN	69	69	70	59	54	60	46	51	62	50	50	62	68	63	55	62	60	65	62	59	60											58.2
LEEOS	MAX	93	97	93	78	81	76	80	87	77	81	92	94	91	86	80	86	91	94	92	91	85	78	81	80	78	81	87	86	75	72	76	84.5
	MIN	70	62		54	46	52	38	56	54	49	47	60	61	62	47	52	56	57	61	57	55	52	54	58	59	56	62	62	46	49	36	54.3
LINTON	MAX	98	98	103	78	87	84	81	80	82	90	90	93	96	78	88	88	100	102	98	100	82	79	88	92	86	83	91	92	82	79	82	88.7
	MIN	72	69	67	60	54		62	69		54	54	60	69	63	58	62	57	66	56	62												59.5
LISRON	MAX	93	93	93	93	82	83	79	79	82	84	87	87	89	89	83	86	93	97	94	97	93	76	77	89	86	82	86	86	82	75	76	86.2
	MIN	69	72	69	64	58	57	58	53	59	48	53	55	59	60	59	55	65	69	68	60	64	47	58	50	55	65	68	64	54	53	42	59.0
LDSTWOOD 12 N	MAX	89	91	81							79	88	96	87	74	79	85	88	90	85	87	75	79	85	81	86	85	83	79	75	73	79	83.2
	MIN	63	64	58							48	51	60	64	58	50	58	54	56	64	58	48											54.5
MAODOCK AGR SCHOOL	MAX	93	977																														

DAILY TEMPERATURES

NORTH DAKOTA
AUGUST 1955

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX MIN	90 64	95 61	99 61	83 58	83 54	76 46	82 50	91 57	79 52	85 50	88 54	95 54	98 58	88 52	85 52	86 62	98 55	99 50	89 66	93 56	85 54	86 54	87 53	90 51	93 65	88 64	92 57	81 48	76 42	76 40	83 41	87.7 54.5
NEW SALEM 1 S	MAX MIN	90 69	95 70	98 64	76 57	84 52	80 80	83 48	85 60	81 49	88 54	91 51	95 60	97 67	89 60	84 55	87 60	100 58	101 60	81 65	97 67	81 57	80 50	83 55	89 53	93 65	78 62	91 59	89 56	74 45	76 47	80 42	87.0 57.2
NEWTOWN	MAX MIN	92 66	96 63	93 60	85 66	83 49	80 53	84 50	92 58	78 53	87 44	91 52	100 59	93 62	88 59	85 55	87 53	92 56	96 52	94 63	92 58	85 50	82 51	85 56	87 52	91 64	89 60	90 57	80 56	72 43	77 47	82 47	87.4 54.8
OAKES	MAX MIN	90 71	92 71	92 70	93 64	74 58	81 62	78 50	73 57	78 61	79 50	83 53	84 57	87 67	88 60	82 55	80 60	85 62	93 65	95 64	88 58	97 54	79 51	75 58	82 59	86 63	77 66	80 67	82 65	80 52	77 43	73 40	83.4 60.1
PARK RIVER	MAX MIN	95 59	96 71	97 67	96 59	85 52	83 58	80 47	88 52	84 63	84 54	93 51	92 60	93 65	80 64	84 56	89 50	96 61	93 66	92 65	91 61	81 54	83 52	84 62	83 54	81 58	90 61	92 65	90 43	75 57	78 43	87.4 57.8	
PARSHALL	MAX MIN	95 61	98 62	94 61	87 54	83 47	79 52	84 54	90 60	86 54	87 56	94 62	98 60	95 63	83 61	84 49	88 55	92 60	96 58	89 64	93 58	78 51	83 55	82 46	86 52	92 64	89 60	91 58	82 41	71 48	76 48	80 48	87.6 55.9
PEMBINA 2 N	MAX MIN	93 69	94 66	94 66	90 58	83 50	83 50	80 41	85 64	85 62	81 49	91 46	91 54	92 66	92 65	55 55	81 49	86 50	95 62	95 60	92 62	92 50	86 45	82 60	83 54	83 54	81 57	87 62	89 65	89 46	74 46	77 37	86.9 55.7
PETERSBURG	MAX MIN	94 62	93 69	93 69	85 57	81 53	80 54	78 44	84 52	80 61	84 48	90 54	89 63	89 62	85 65	82 52	84 59	89 62	93 64	93 59	82 54	76 52				83 54	79 61	90 62	90 46				86.1 57.7
PETTIBONE	MAX MIN	92 65	95 69	95 68	88 57	78 58	79 58	77 54	80 57	78 58	85 50	89 61	91 60	90 65	85 63	84 54	82 55	95 61	95 58	90 54	92 58	73 53	78 53			88 56	87 61	89 57	77 50	73 51	76 45	85.0 56.7	
PORTAL	MAX MIN	81 62	89 63	91 56	81 49	75 51	83 50	73 48	82 61	90 47	74 48	82 52	89 60	95 57	86 56	75 52	81 58	87 53	90 54	89 59	88 58	84 48	74 51	78 54	88 48	81 58	88 59	85 54	85 44	72 38	71 46	76 46	82.7 53.1
POWERS LAKE 1 N	MAX MIN	90 63	93 68	85 59	79 53	77 51		88 53	92 57		85 45	94 50	100 50	96 61	78 58	80 51	87 58	90 51	95 52	90 59	90 55	76 47	84 49	78 51	88 45	87 60	87 60	92 53	84 40	74 43	79 45	85.4 53.5	
RAUB 10 SSW	MAX MIN	94 63	98 67	96 65	78 57	83 55	80 56	83 49	90 54	78 55	82 50	91 54	100 55	97 64	80 66	85 64	88 55	91 54	99 56	86 69	93 61	79 59	89 56	85 46	90 56	100 62	80 64	91 62	82 55	73 48	85 48	89 49	87.2 59.6
RICHARDTON ABBEY	MAX MIN	90 64	95 64	100 66	88 57	82 57	79 56	84 53	90 58	80 57	90 51	90 56	98 58	99 65	94 60	86 56	86 55	98 58	101 55	93 63	95 59	88 56	88 54	88 58	90 54	94 68	89 64	94 60	87 57	74 45	77 48	82 47	89.3 57.7
RIVEROALE	MAX MIN	91 65	93 66	95 68	95 58	75 53	81 57	77 50	81 59	85 59	79 51	87 52	90 63	95 65	95 61	77 54	85 62	86 60	95 58	97 68	86 59	84 56	79 53	82 54	88 58	87 59	81 61	91 59	82 58	71 47	73 46	85.7 57.8	
ROLLA	MAX MIN	90 56	93 68	87 58	75 55	80 48	74 54	78 49	87 48	80 55	78 49	89 48	92 55	91 58	80 58	77 52	84 50	87 59	88 52	80 59	90 54	72 49	76 51	78 56	77 51	81 56	87 56	87 55	66 49	70 50	75 45	81.4 54.3	
RUGBY	MAX MIN	95 64	97 70	96 66	86 58	82 55	78 56	81 48	87 60	81 58	82 57	92 54	94 64	95 64	93 64	81 52	88 58	90 59	93 62	92 66	94 61	92 55	79 48	80 53	81 58	81 53	88 59	87 54	87 48	76 45	74 44	78 44	86.2 57.6
SAN HAVEN	MAX MIN	88 63	94 70	89 75	77 55	76 56		77 44	86 57	78 55	78 49	89 56	93 59	90 62	85 59	78 56	85 64	88 64	90 53	83 60	90 60	85 60	76 50	82 57	75 60	83 60	88 58	82 61	77 44	71 51	74 46	82.1 56.6	
SHARON	MAX MIN	88 64	90 67	91 68	87 58	79 49	79 57	75 48	80 52	83 57	82 49	87 55	88 54	88 62	86 53	80 52	86 64	93 53	99 61	90 60	91 58	85 52	78 55	80 55	80 56	80 62	88 62	82 46	73 54	76 43	84.5 57.5		
STANLEY	MAX MIN	93 62	94 64	89 60	76 55	83 48	79 53	84 46	92 52	82 57	85 45	94 50	102 64	96 61	85 57	87 61	90 50	95 52	90 63	95 58	90 54	76 51	80 53	89 51	87 51	90 60	89 59	87 57	90 56	69 44	75 43	80 43	86.0 53.7
STEELE	MAX MIN	95 63	93 69	96 69	92 57	82 47	78 58	79 57	77 58	78 57	85 58	87 60	90 60	94 63	91 62	84 53	83 59	100 60	99 59	87 64	97 60	88 59	79 51	81 55	87 57	83 60	82 62	89 59	90 57	82 45	72 42	78 40	86.4 56.9
TIOGA 1 E	MAX MIN	86 50	91 63	95 59	88 49	75 49	82 58	78 49	82 59	93 47	77 42	84 53	92 56	101 64	94 56	76 53	83 61	88 54	90 52	94 61	92 54	89 52	76 48	82 55	88 43	86 56	89 60	89 60	85 58	71 40	74 47	85.2 53.2	
TOWNER	MAX MIN	94 57	96 62	92 58	78 52	89 44	78 57	82 47	87 54	79 52	83 44	92 50	95 52	95 64	86 51	82 48	88 50	90 52	92 58	90 65	93 60	78 50	80 49	82 63	82 58	84 58	88 59	86 56	72 42	75 46	78 39	85.2 53.5	
TURTLE LAKE	MAX MIN	94 64	99 67	97 67	75 57	81 53	78 56	79 49	81 58	79 57	87 50	88 59	93 60	93 61	85 60	85 61	96 60	98 60	93 65	95 60	92 55	81 53	80 55	85 54	88 58	82 62	87 67	90 58	74 48	74 46	78 45	86.5 57.3	
UNDERWOOD	MAX MIN	90 64	94 67	98 67	96 56	74 48	81 57	79 51	81 50	83 57	78 48	88 52	90 58	96 62	97 50		87 61	86 58	98 53	98 66	78 54	95 52	80 52	81 55	88 62	86 55	92 62	82 55	82 46	72 43	75 43	86.3 55.5	
UPHAM 3 N	MAX MIN	97 59	98 66	93 59	81 51	85 47	80 50	86 47	90 54	83 50	83 45	95 52	98 62	95 62	94 50	80 50	90 51	87 57	91 59	86 64	98 60	85 51	82 49	85 57	83 54	82 58	90 60	84 59	73 45	75 42	82 40	87.2 53.5	
VALLEY CITY	MAX MIN	94 68	93 68	96 68	94 63	83 59	82 60	78 47	82 52	80 61	85 47	88 52	89 58	91 63	89 66	87 57	83 54	93 63	87 61	101 59	98 63	98 59	96 62	80 48	88 57	87 59	85 58	90 63	77 63	75 50	78 40	87.6 58.4	
VELVA	MAX MIN	91 62	94 68	92 62	78 58	80 49	76 57	80 45	84 52	82 57	82 50	90 50	95 62	95 68	94 62	80 50	85 59	91 55	91 55	86 65	94 52	86 55	77 49	80 53	81 52	87 57	83 59	89 56	83 48	72 43	73 40	78 40	84.8 56.1
WAMPETON STATE SCHOOL	MAX MIN	96 70	95 67	96 66	92 64	85 57	84 61	81 46	80 55	83 61	87 47																						

STATION INDEX

NORTH DAKOTA
AUGUST 1955

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observer	Refer to tables
Adams 7 S	0022	Walsh	10	48 20	98 06	1554	6P Myron J. Hata	3
Alexander	0089	McKenzie	13	47 50	103 38	2200	6P Arthur J. Bauman	3
Almont 7 SW	0136	Morton	7	46 43	101 39	2300	7P Ross Hamland	2 3 5 7
Amrose 3 N	0139	McKenzie	12	49 00	103 28	2257	5P U.S. Border Station	3
Anemia	0196	Cass	11	47 00	97 13	2600	SS Virgil L. Gebeke	2 3 5 7
Antion	0209	Slope	1	46 29	103 19	2910	8A Adrian R. Waller	2 3 5 7 C
Antler	0253	Bottineau	4	46 43	101 39	1540	W.D. W. H. Wegman	3
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	2060	6P Albert Thoren	2 3 5 C
Ashley	0382	McIntosh	8	46 02	99 22	2025	SS Soo Line Agent	2 3 5 7 C
Baldhill Dam	0450	Barnes	11	47 02	98 02	1300	WID Corps of Engineers	C
Balfour	0492	McHenry	12	47 57	100 32	1615	WID Raymond E. Meller	3
Balla	0500	Pierce	11	48 10	100 02	1550	6P Anton Schall	3
Bantry	0516	McHenry	12	48 30	100 36	1418	9A Temple K. Roberts	2 3 5 7 C
Beach	0590	Golden Valley	7	46 55	104 01	2854	6A Helen Tobias	2 3 5 7 C
Belcourt Indian Res.	0626	Hollette	9	48 50	99 45	1950	7P Turtle M. Lin. Ag.	2 3 5 7 C
Belfield	0639	Stark	4	46 53	103 11	2592	7P Carl Indergard	2 3 5 7
Berthold	0722	Ward	12	48 19	101 44	2080	6P Joseph S. Cox	3
Boulah	0766	Mercer	6	46 16	101 47	1780	6A Mont. Dak. Util. Co.	2 3 5 7 C
Bieber	0796	Towner	2	46 37	99 22	1600	6P Robert J. Krick	2 3 5 7
Blismack WB Airport	0819	Burleigh	1	46 46	96 45	1540	W.D. U.S. Weather Bureau	2 3 5 7 C
Blismack 12 ENE	0827	Burleigh	8	46 51	100 33	1709	3A KFTN Transmitter	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A M.D. Sch. of Frstry	2 3 5 7
Bowells	0961	Burke	12	48 48	102 15	1953	8A Felix L. Adams	2 3 5 7
Bowman Court House	0983	Bowman	3	46 11	103 23	2980	5P O. H. Hook	2 3 5 C
Bowman 11 SE	0998	Bowman	3	46 04	103 19	2810	6P Bernard L. Donagala	3
Bowman 30 NW	1001	Slope	7	46 35	103 31	2505	5P John R. Hanson	3
Breien	1052	Morton	1	46 24	100 56	1720	WID Frank E. Potter	3
Buchanan	1124	Stutsman	5	47 54	98 48	1572	WID W. H. Hendrickson	3
Burl 16 N	1216	Hettinger	1	46 56	102 07	1920	6P Jacob Grube	2 3 5 7 C
Butte	1225	McLean	12	47 50	100 40	1880	8A Earl R. Ward	2 3 5
Cando	1288	Towner	2	48 29	99 12	1481	WID Barry E. Harris	3
Carrington	1360	Forster	5	47 27	99 08	1586	8A Andrew C. Beintz	2 3 5 C
Carson	1365	Grant	4	46 23	101 34	2390	WID Vincent Muggill	2 3 5 7
Carson No. 2	1370	Grant	4	46 23	101 34	2310	8A W. D. Drummond	2 3 5 7
Cavalier	1453	Pennington	9	48 48	97 38	2890	6P Willie Hanson Pico	2 3 5 7
Center	1456	Oliver	8	47 07	101 18	2100	7P Fred L. Heinz	2 3 5 7
Colgate	1686	Steele	10	47 14	97 39	1180	6P John P. Burcill	3
Columbus	1696	Hurke	12	48 54	102 47	1930	6P J. D. Sundell	2 3 5 7
Cooperstown	1766	Griggs	11	47 26	98 07	1428	5P Deland M. Marston	2 3 5
Courtenay	1816	Stutsman	5	47 13	98 34	1523	5P G. H. Hanawalt	2 3 5
Crosby	1871	Divide	12	48 54	103 18	1934	6P Vernon V. Nichols	2 3 5 7 C
Dawson	2018	Kidder	8	46 52	99 48	1730	WID Ralph W. Wise	2 3 5 7 C
Devils Lake WB City	2138	Walsh	1	46 37	98 53	2371	WID U.S. Weather Bureau	2 3 5 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2589	WID U.S. Civil Aero Adm.	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A Dickinson Exp. Sta.	2 3 5 7 C
Dodge	2242	Ward	12	48 31	101 53	1670	6P Fred E. Feltner	3
Donnybrook	2242	McHenry	12	47 55	100 22	1634	8A Ed. J. Evans	2 3 5
Dunn Center 2 SW	2385	Dunn	4	47 20	102 38	2235	7A Cheney M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A John H. Zurcher	2 3 5 7
Edeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A N.D. Agri. Exp. Sta.	2 3 5 6 C
Edmore 1 W	2525	Ramsey	2	48 25	98 29	1520	5P Mike Davis	2 3 5 7
Edmore 2 NE	2592	Grant	10	48 11	101 49	2290	5P Carl Hellingner	2 3 5 7
Edmore 3	2605	Dickey	5	46 00	98 31	1450	8P Paul Greiss	2 3 5 7
Endlerin	2695	Ransom	11	46 38	97 36	1120	7A Leonard Peterson	2 3 5
Epping	2735	Williams	8	46 17	103 21	2224	6P S. F. Carpenter	2 3 5
Esmond	2767	Henson	11	48 02	99 46	1650	WID Lyle O. Ferin	2 3 5 7
Fairfax	2809	Hillings	10	46 53	99 48	1630	6P John Petrusak	2 3 5 7 C
Fargo WB Airport	2859	Cass	10	46 54	96 48	1895	WID U.S. Weather Bureau	2 3 5 7 C
Fessenden	2949	Wells	5	47 39	99 37	1620	6P Emil E. Rust	2 3 5 7
Flasher	3009	Morton	1	46 27	101 14	1830	8A George W. Sinclair	3
Flaxton	3019	Burke	12	48 54	102 23	1940	6P Palmer M. Dunham	3
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1398	6P Theodore A. Wirth	3
Foran	3117	Sargent	10	46 08	97 39	1429	6P Art Waterman	2 3 5
Fort Yates	3207	Stout	4	46 56	100 38	1650	5P Soil Conservation	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	47 27	101 39	2409	5P U.S. Wildlife Ref.	2 3 5 7
Fryburg 1 NE	3277	Billings	4	46 53	103 18	2752	WID Elmer Stuhlsasser	3
Fullerton	3287	Dickey	5	46 10	98 23	1439	6P F. P. O. Allen	2 3 5 7
Gackle	3309	Logan	5	46 38	99 08	1951	6P Alvin Hume	2 3 5
Garrison	3376	McLean	12	48 11	101 25	1671	7A A. B. Beirle	2 3 5 7
Glen Ullin	3498	Morton	4	46 49	101 49	2090	WID Frederick J. Ahorn	3
Glen Ullin 13 N	3501	Mercer	6	47 00	101 47	2221	6P Christ Schilling	3
Golden Valley 10 S	3529	Mercer	6	47 10	102 03	1870	6P Robert H. Backfisch	3
Grace City	3583	Forster	5	47 33	99 48	1495	WID Ida Bonderud	3
Graton	3594	Walsh	1	46 55	97 23	2827	5P Grace State School	2 3 5 7 C
Grand Forks CAA AP	3616	Grand Forks	10	47 55	97 05	832	WID U.S. Civil Aero Adm.	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	WID University of N.D.	2 3 5 7
Grand Rapids 1 N	3665	La Moure	5	46 28	98 21	1360	6P Albert J. Ness	2 3 5
Grano	3676	Renville	12	48 37	101 35	1625	WID Oswald R. Hornlie	2 3 5 7
Granville	3686	McHenry	12	48 16	100 58	1894	7P Fred Robb	2 3 5 7
Grassy Butte	3696	McKenzie	7	47 24	103 14	2660	WID Sam Charchenko	3
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497	6P Edsel G. Crist	3
Grenora	3736	Williams	8	48 37	103 59	2144	10P L. D. Nielson	2 3 5 C
Haley	3836	Benson	5	46 53	103 06	2695	WID J. E. Crawford	2 3 5 7
Halliday	3846	Dunn	4	47 21	102 20	2046	6P John Grinnell	3
Hankinson R R Station	3908	Richland	10	46 04	96 54	1068	7A Soo Line Agent	2 3 5
Hannaford	3926	Griggs	11	47 18	98 12	1428	WID Helen Benson	3
Hannah	3936	Cavalier	9	48 59	98 41	1570	6P U.S. Customs Office	2 3 5 7
Hansboro	3963	Towner	2	48 57	97 23	1600	7P Charles E. Herget	3
Harvey	4013	Wells	5	47 39	99 55	1955	6P Stephen Schreder	3
Haynes 6 N	4073	Adams	1	46 03	102 29	2677	WID P. G. Swenson	3
Hazelton R R Station	4083	Emmons	8	46 39	100 17	1978	WID V. G. Shaw	2 3 5 7 C
Hettinger	4178	Adams	3	46 00	102 38	2680	6P Fred O. Forthun	2 3 5 7 C
Hettinger 17 N	4186	Adams	3	46 15	102 39	2610	WID O. J. Gerbracht	2 3 5 7 C
Hillsboro	4203	Trail	10	47 24	97 04	901	8P Alfred Jahke	2 3 5
Hurdfield	4443	Wells	5	47 27	99 55	1915	WID Ruth Buchwitz	3
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	WID U.S. Civil Aero Adm.	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P V.D. State Hospital	2 3 5 7
Keene 2 S	4571	McKenzie	8	47 54	102 56	2346	6P Kenneth V. Herget	3
Kenmare	4646	Ward	12	48 40	102 05	1800	8A Theo. E. Eckberg	2 3 5 7 C
Kemal Wildlife Refuge	4656	Stutsman	5	47 16	98 52	1440	5P D.S. Wildlife Ref.	2 3 5 7
Killdeer 8 NW	4726	Dunn	4	47 26	102 53	2240	6P Leonard J. Davis	3
Kramer 5 SE	4823	Bottineau	12	48 39	100 37	1437	WID Paul A. DeSchmar	2 3 5 7
Kula	4843	La Moure	5	46 18	98 57	1970	6P John Strohl	2 3 5
Langdon Exp. Farm	4858	Cavalier	9	48 38	98 20	1615	5P W. Sturlaugson	2 3 5
Lansford	5002	Bottineau	12	48 38	101 22	1600	6P Louis Schaefer	3
Lansore	5013	Grand Forks	10	47 55	97 38	1134	5P Bonnie Engen	2 3 5
Leeds	5078	Benson	5	48 17	99 26	1515	6P John Fager	2 3 5
Leifor 10 E	5088	Stark	4	46 38	102 21	2545	5P Joseph Link	3
Linton	5210	Emmons	8	46 16	100 14	1685	6P Leonard P. Malone	2 3 5
Lisbon	5220	Ransom	11	46 26	97 42	1089	5P M.D. Soldiers Home	2 3 5
Litchville	5230	Barnes	11	48 39	98 11	1467	6P William R. Huth	3
Lostwood 12 N	5320	Burke	12	48 33	102 24	2250	6P Lostwood W.L. Ref.	2 3 5
Madcock Agri. School	5434	Morton	11	47 58	99 30	1604	6P Benson Cy Agr Sch	2 3 5 7 C
Mandan Exp. Station	5479	McIntosh	8	46 46	100 55	1780	8A W. G. P. Field Sta.	2 3 5 7 C
Mandan Ft. Lincoln Park	5484	Benson	8	46 45	100 52	1764	5P Park Supt.	2 3 5
Manning	5519	Dunn	4	47 14	102 46	2219	WID Donald Jefferies	3
Marmarth	5573	Slope	7	46 18	103 55	2714	6P S. P. Grane	2 3 5 C
Marmarth M.D.U. Co.	5575	Slope	7	46 18	103 55	2703	WID E. H. Jestness	3
Martin	5610	Sherridan	11	47 30	100 07	1610	5P Elroy E. Kessler	2 3 5
Max	5638	McLean	8	47 49	101 18	2090	8A R. H. Schaefer	2 3 5
Mayville	5660	Trail	10	47 30	97 19	975	6P H. A. Ragaz	2 3 5 7
McClusky	5710	Sherridan	11	47 30	100 28	1943	6P Elmer L. Schielke	2 3 5 7 C
McGregor R R Station	5720	Williams	8	48 38	103 56	2156	WID L. E. Erickson	2 3 5 7
McHenry 5 N	5730	Edley	11	47 38	98 35	1509	7P C. E. Blalock	2 3 5 7
McLeod 3 E	5754	Richland	11	46 24	97 14	1075	7P J. G. Carlson	2 3 5
McVile	5764	Neelon	10	47 46	98 10	1467	6P Robert D. Getz	3
Media 1 W	5798	Stutsman	5	46 53	99 19	1795	6P Rudolph Graf	3
Media 2 SE	5803	Hillings	10	46 53	103 09	2259	WID Leon Melickson	2 3 5 7
Media 3 NNE	5813	Billings	7	48 58	103 30	2250	5P U.S. Natl Park Serv	2 3 5 7
Media 3 NW	5818	Hillings	7	47 14	103 36	2123	7A Archie E. McAdoo	2 3 5 7
Medville	5833	Stutsman	5	46 53	99 19	1795	6P Rudolph Graf	3
Media 2 SE	5803	Hillings	10	46 53	103 09	2259	WID Leon Melickson	2 3 5 7
Media 3 NNE	5813	Billings	7	48 58	103 30	2250	5P U.S. Natl Park Serv	2 3 5 7
Media 3 NW	5818	Hillings	7	47 14	103 36	2123	7A Archie E. McAdoo	2 3 5 7
Medville	5833	Stutsman	5	46 53	99 19	1795	6P Rudolph Graf	3
Media 2 SE	5803	Hillings	10	46 53	103 09	2259	WID Leon Melickson	2 3 5 7
Media 3 NNE	5813	Billings	7	48 58	103 30	2250	5P U.S. Natl Park Serv	2 3 5 7
Media 3 NW	5818	Hillings	7	47 14	103 36	2123	7A Archie E. McAdoo	2 3 5 7

1. Cannonball 2. Devils Lake 3. Grand 4. Heart 5. James 6. Knife 7. Little Missouri

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

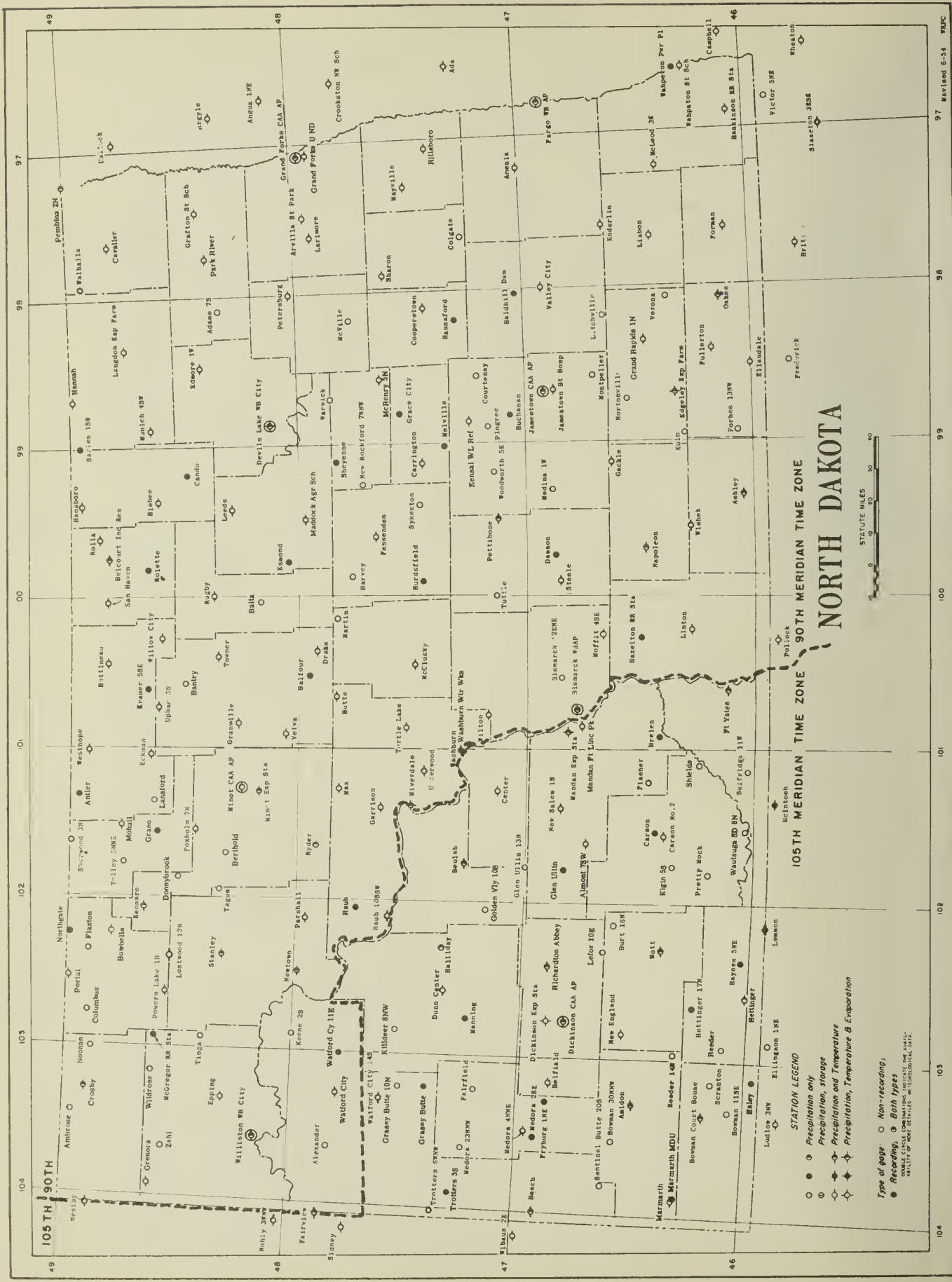
Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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NWRC, ASHEVILLE, N. C. -- 10-6-55 -- 880



105TH MERIDIAN TIME ZONE 90TH MERIDIAN TIME ZONE 100TH MERIDIAN TIME ZONE

NORTH DAKOTA

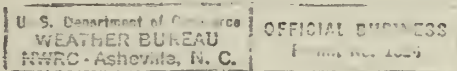
- STATION LEGEND**
- Precipitation only
 - Precipitation, storage
 - ◇ Precipitation and Temperature
 - ◆ Precipitation, Temperature & Evaporation
- Type of gage**
- Non-recording
 - Recording
 - ◇ Both types
- NOTE: STATION SYMBOLS INDICATE THE AVAILABLE DATA FOR EACH STATION. A DASHED LINE INDICATES A NON-RECORDING STATION.

557.05
UNNT
Cp. 2

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA



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SEPTEMBER 1955
Volume LXIV No. 9



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WEATHER SUMMARY

September was a very pleasant month. Temperatures and rainfall averaged near normal. The farmers completed the harvest of cereal grains during the first half of the month and by the end of September had begun picking corn.

The first few days of September were especially mild. Temperatures reached 90° or higher on several days at most stations. Maximums were in the middle 90's over most of the State. The highest was 102° at Almont 7 SW on the 3d. Cool air invaded the State on the 6th. The 10th and 11th were especially invigorating, and many stations registered their lowest temperatures for the month on the 11th. Minimums dropped into the 20's over the west on the 10th and over almost the entire State on the 11th. The lowest temperature at Hankinson R R Station was 32°. Colder temperatures occurred at all other stations. The coldest temperature in the State for the day and during the month was 16° at Medora 4 NNE on the 11th. Temperatures rose to above normal on the 13th. The 15th and 17th were especially warm with maximums again reaching to near or slightly above 90° at some stations. The second cool spell began on the 20th and continued until the 26th. The 28th was warm and the last two days were cooler than normal. Mean temperatures for the month ranged from 50.6° at Munich 4 SW to 61.4° at Wahpeton State School. The average for the entire State was 56.6° or 0.5° below normal.

Except for widely scattered light showers on the 8th to 10th, little rain fell during the first half of September. Generous rains occurred over most of the eastern part of the State on the evening of the 17th and on the 18th. Lighter rains occurred over central North Dakota and scattered light rains fell over the west. The next period of generous rains was the 20th to 22d. Light rains fell over the central and east portions on the 26th and 27th. In general, monthly totals were less than an inch over the extreme western counties and over several counties in the extreme southeast. Many central, south central, southwestern, and north eastern stations received over 2.00 inches. Over the remaining portions of the State, amounts were between 1.00 and 2.00 inches. Sentinel Butte received only a few sprinkles during September. At the other extreme, Pembina 2 N received 5.26 inches. The average for the entire State was 1.61 inches or 0.08 inch more than the September normal. In general, the central and northeastern stations received more than normal rainfall and most western, east central, and south eastern stations received less than their September normal amounts.

The warm weather during the first part of the month caused some deterioration of late flax and barley. Pastures, late potatoes, and sugar beets needed rain. Livestock were in good condition and there was an excellent supply of hay. The ground was too dry in most sections and plowing was delayed. The low temperatures killed the tender vegetation and damaged the late corn. The rains during the latter part of September improved the pastures and ranges. They prevented the completion of flax harvest but made plowing and potato digging easier. The soil was too dry in some sections for fall plowing but, in general, fall tillage and potato digging were making good progress at the end of September. The top soil and sub soil moisture were fair to good over most areas. There was plenty of feed, and livestock continued in good condition. As a whole, the weather during September was excellent for outdoor work.

Lucius W. Dye

STORMS

As is usually the case there were very few storms during September. On the 15th a windstorm, with estimated velocities at from 70 to 80 miles per hour, blew for about ten minutes in northern Foster County. Crops were damaged to the extent of \$20,000 and other property damage was estimated at \$15,000. A newly constructed barn was blown down and the flying timbers killed a man. On the 17th a thunderstorm, accompanied by damaging rain, hail, and lightning, occurred in northern Pembina County and moved into Canada and Minnesota. Hailstones were reported to be as large as baseballs over a small area and as large as golf balls over a larger area. Windows were broken, roofs damaged, poultry killed and late flax ruined. One man was severely bruised by the hail. At Pembina 3.52 inches of precipitation fell in about 8 hours. Unofficial rain gages reported up to 4 1/2 inches. Damage was estimated at over \$100,000. Five cows were killed by lightning on one farm.

F. J. Bavendick

SUPPLEMENTAL DATA

NORTH OAKOTA
SEPTEMBER 1955

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
BISMARCK WB AIRPORT	E	12	11.5	43	SE	15	67	77	41	41	8	3	1	1	1	0	14	76	4.9
DEVILS LAKE WB CITY	-	-	8.4	27	NW	29	-	-	-	-	6	2	4	1	0	0	13	67	5.3
FARGO WB AIRPORT	5	16	15.1	47	SE	15	70	81	49	50	3	3	5	0	0	0	11	56	5.4
WILLISTON WB CITY	-	-	7.4	26	W	22	-	71	40	38	4	3	0	0	0	0	7	64	5.6

COMPARATIVE DATA

SEPTEMBER

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall
1892	59.2	101	24	0.84	.0	1917	56.4	97	16	1.04	.0	1942	54.0	99	4	1.67	2.7
1893	57.1	102	8	0.81	0.1	1918	51.9	93	11	0.40	T	1943	55.6	94	19	0.51	.0
1894	58.2	104	18	1.38	.0	1919	58.6	100	20	0.94	0.3	1944	56.4	91	21	1.46	T
1895	56.6	100	12	0.77	.0	1920	59.0	99	19	2.21	T	1945	54.5	103	14	2.14	0.1
1896	53.0	98	11	1.61	.0	1921	57.0	101	25	3.21	T	1946	56.3	97	18	2.52	T
1897	64.1	109	18	0.28	.0	1922	59.8	104	23	2.10	.0	1947	55.5	101	13	1.45	T
1898	56.8	98	10	1.25	.0	1923	60.1	99	15	2.51	.0	1948	63.7	105	24	0.31	.0
1899	55.0	101	11	0.58	T	1924	55.0	98	20	2.09	T	1949	55.6	94	13	0.56	T
1900	54.6	98	17	4.95	T	1925	58.1	103	20	2.67	T	1950	57.9	100	23	2.42	0.2
1901	53.6	100	12	2.01	T	1926	52.3	95	9	2.30	0.5	1951	52.7	85	17	1.71	0.3
1902	53.6	95	15	0.74	.0	1927	56.8	101	10	1.00	T	1952	60.7	101	20	0.62	T
1903	51.6	90	18	2.99	0.7	1928	53.9	95	12	1.00	T	1953	57.6	93	19	0.88	T
1904	54.7	96	18	1.43	.0	1929	52.7	105	12	1.65	.0	1954	55.4	93	18	3.04	T
1905	59.8	104	23	1.67	.0	1930	56.2	98	10	1.02	.0	1955	56.6	102	16	1.61	T
1906	62.8	109	20	1.11	.0	1931	61.4	107	27	2.14	T						
1907	52.1	96	9	1.39	T	1932	56.8	102	22	0.63	.0						
1908	60.7	104	16	1.24	0.2	1933	60.9	101	22	0.81	.0						
1909	59.0	93	24	0.95	.0	1934	52.4	95	9	0.96	2.0						
1910	55.3	99	18	1.79	0.1	1935	57.2	105	16	0.43	.0						
1911	54.9	95	21	2.37	T	1936	60.3	102	12	1.15	T						
1912	51.5	101	18	2.62	.0	1937	58.6	104	20	1.47	0.1						
1913	57.2	108	8	1.74	0.4	1938	61.9	99	21	0.63	.0						
1914	59.3	98	25	1.03	.0	1939	58.9	98	11	0.68	0.2						
1915	54.6	104	23	2.32	.0	1940	62.8	103	20	1.06	.0						
1916	55.1	99	15	1.43	T	1941	55.3	94	17	4.61	0.2						

Averages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature										Precipitation													
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days			
											Max.		Min.						Total	Max. Depth on Ground	Date	.16 or More	.50 or More	1.00 or More	
											50° or Above	32° or Below	32° or Below	0° or Below											
EASTERN DIVISION																									
AMENIA		73.5	45.1	59.3	1.4	93	17	30	30	219	1	0	3	0	1.14	-	0.76	0.32	22	0.0	0	0	4	0	0
ARVILLA STATE PARK		72.4	41.9	57.2		94	2	21	11	265	3	0	4	0	2.29	-		1.35	21	0.0	0	0	4	1	1
CARRINGTON	AM	68.6	39.6	54.1	- 2.8	92	4	26	11	336	2	0	6	0	1.22	- 0.20	0.44	21	0.0	0	0	5	0	0	
CAVALIER		70.7	42.7	56.7	1.1	95	3	28	30	278	3	0	5	0	2.75	- 0.43	1.13	18	T	0	0	4	2	2	
COOPERSTOWN		72.6	43.4M	58.0M	0.1	93	2	23	11	259	3	0	5	0	1.36	- 0.40	0.75	21	0.0	0	0	3	1	0	
DEVILS LAKE WB CITY	R	68.1	42.1	55.1	- 1.2	95	3	26	11	325	3	0	5	0	1.61	- 0.46	0.69	21	0.0	0	0	5	1	0	
EDGELEY EXP FARM	AM	73.0	43.2	58.1	- 0.2	95	16	28	30	244	3	0	5	0	1.16	- 0.50	0.60	21	0.0	0	0	3	1	0	
EDMORF 1 W		68.2	37.5	52.9	- 3.5	93	3	17	11	368	1	0	7	0	1.85	- 0.00	1.12	21	0.0	0	0	3	1	1	
ELLENDALE		76.2	45.5	60.9	2.1	96	15	30	24	198	6	0	3	0	0.62	- 1.06	0.26	21	0.0	0	0	3	0	0	
ENDERLIN		74.0	43.8	58.9		95	18	28	11+	233	3	0	4	0	1.25	-	0.56	21	0.0	0	0	4	1	0	
FARGO WB AP	R //	71.6	45.7	58.7	- 0.2	91	17	29	11	231	1	0	2	0	1.27	- 0.45	0.40	9	0.0	0	0	5	0	0	
FORMAN		76.2	43.5	59.9	0.4	96	15	29	10+	204	4	0	5	0	0.63	- 1.44	0.42	21	0.0	0	0	2	0	0	
FULLERTON		75.4	44.0M	59.7M	1.7	96	15+	28	11+	222	4	0	5	0	0.53	- 1.43	0.40	20	0.0	0	0	1	0	0	
GACKLE		71.2	43.4M	57.3M	- 0.5	92	15	27	11	270	1	0	5	0	1.63	- 0.05	0.83	21	0.0	0	0	3	2	0	
GRAFTON		71.5	44.1	57.8	0.8	93	3	27	11	253	5	0	3	0	2.72	- 0.56	1.38	21	0.0	0	0	5	2	1	
GRAND FORKS CAA AP	R	69.4	42.7	55.8	- 1.1	91	2+	25	11	300	2	0	3	0	0.99	- 0.93	0.64	21	0.0	0	0	3	1	0	
GRAND FORKS UNIVERSITY		70.2	44.0	57.1	0.2	90	3	27	11	264	1	0	3	0	1.19	- 0.73	0.72	21	0.0	0	0	3	1	0	
GRAND RAPIDS 1 N		74.4	42.7	58.3		93	15	25	11	242	3	0	6	0	1.11	-	0.54	21	0.0	0	0	4	1	0	
HANKINSON R R STATION	AM	72.3	43.5	57.9	- 2.6	93	18	32	11+	247	2	0	3	0	1.17	- 0.93	0.47	23	0.0	0	0	3	0	0	
HANNAH		66.7	38.8	52.8	- 2.0	91	3	21	11	371	1	0	5	0	3.63	- 1.52	2.11	18	0.0	0	0	5	2	1	
HILLSBORO		73.2	44.5	58.9	- 1.1	92	2	29	11	221	3	0	3	0	1.44	- 0.63	0.55	21	T	0	0	5	1	0	
JAMESTOWN CAA AP	R //	70.4	41.2	55.8	- 1.2	92	15	27	11	299	2	0	5	0	1.39	- 0.28	0.40	18	0.0	0	0	6	0	0	
JAMESTOWN STATE HOSP		73.1	44.0	58.6	1.6	93	3+	29	11+	238	3	0	4	0	1.40	- 0.27	0.44	21	0.0	0	0	5	0	0	
KENSAL WILDLIFE REFUGE		73.4	40.8	57.1		94	3	23	11	254	3	0	5	0	1.21	-	0.60	21	0.0	0	0	4	1	0	
LANGDON EXP FARM		68.8	39.9	54.4	- 0.9	93	3	22	11	336	2	0	5	0	2.72	- 0.49	1.10	21	T	0	0	5	2	2	
LARIMORE		71.9	43.3	57.6	- 1.2	91	3	25	11	250	3	0	2	0	2.26	- 0.21	1.50	21	0.0	0	0	4	1	1	
LISBON		75.5M	40.0M	57.8M	- 0.3	92	16+	27	11	270	2	0	7	0	1.40	- 0.60	0.66	21	0.0	0	0	5	1	0	
MAYVILLE		72.1	44.3	58.2	- 0.3	90	2	26	11	238	1	0	3	0	1.38	- 0.68	0.65	21	0.0	0	0	5	1	0	
MC HENRY 5 N		70.6	41.5	56.1	0.3	94	3	23	11	295	3	0	6	0	1.42	- 0.01	0.80	21	0.0	0	0	3	1	0	
MC LEO 3 E		75.3	44.9	60.1	0.5	95	17	28	11+	211	2	0	5	0	0.69	- 1.34	0.38	21	0.0	0	0	3	0	0	

See reference notes following Station Index.

CLIMATOLOGICAL DATA

NORTH DAKOTA
SEPTEMBER 1955

TABLE 2 - CONTINUED

Station		Temperature													Precipitation									
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
											Max.		Min.						Total	Max. Depth on Ground	Date	.16 or More	.50 or More	1.00 or More
											90° or Above	32° or Below	32° or Below	0° or Below										
MUNICH 4 SW	AM	64.9	36.2	50.6		90	3	19	11	431	1	0	8	0	1.95		1.10	21	0.0	0		5	1	1
OAKES		72.7	44.3	58.5	- 0.5	94	16+	30	30	231	2	0	5	0	1.07	- 0.69	0.50	21	0.0	0		5	1	0
PARK RIVER		72.0	43.0	57.5	0.6	94	3	28	11	264	4	0	5	0	3.24	1.09	1.40	21	0.0	0		4	2	2
PEMUNA 2 N		71.8M	41.4	56.6M	2.1	94	3+	24	11	286	5	0	6	0	5.26	3.08	3.52	18	0.0	0		5	2	1
PETERSBURG		68.9M	40.7M	54.8M		92	3	23	11	329	1	0	5	0	2.08	0.11	1.02	21	0.0	0		5	1	1
SHARON		70.4M	42.2M	56.3M	- 1.1	91	2	26	11	288	1	0	5	0	1.78	- 0.27	0.88	21	0.0	0		4	1	0
VALLEY CITY		72.7	44.1	58.4	- 0.4	91	2	27	11	235	1	0	3	0	1.63	0.16	0.75	21	0.0	0		3	1	0
WAPETON STATE SCHOOL		76.2	46.5	61.4	1.4	93	17	31	11+	180	5	0	4	0	1.35	- 0.87	0.51	21	0.0	0		4	1	0
DIVISION				57.2	- 0.3										1.68	- 0.21			T					
MIDDLE DIVISION																								
ASHLEY		73.2	42.5	57.9	0.0	96	15	26	25	253	3	0	5	0	1.15	- 0.32	0.68	21	0.0	0		3	1	0
BELCOURT INDIAN RES		66.1	37.6	51.9		92	3	19	25	399	1	0	6	0	2.32		0.82	21	T	0		6	2	0
RISBEE		68.3	40.4	54.4	- 2.3	93	3	24	11	332	1	0	6	0	1.67	- 0.02	1.19	21	0.0	0		2	1	1
RISMARCK WR AP		72.8	43.0	57.9	- 0.6	98	3	27	11	252	5	0	2	0	2.26	0.83	1.21	20	0.0	0		3	2	1
ROTTINEAU	AM	67.5	40.0	53.8	- 1.7	90	4	22	10	347	1	0	5	0	2.33	0.74	0.99	21	T	0		6	2	0
RUTTE	AM	70.6	41.8	56.2	- 1.3	95	4	26	11	245	3	0	6	0	2.25	0.77	1.56	21	0.0	0		2	1	1
CARSON NO 2	AM	72.0M	43.3M	57.7M	0.4			30	11+	265	0	4	0		2.81	1.37	1.78	21	0.0	0		5	1	1
CENTER		71.6	39.7	55.7	- 2.4	98	3	23	11	300	2	0	6	0	1.92	0.56	1.25	21	0.0	0		4	1	1
ORAKE	AM	69.5	41.8	55.7	- 1.9	94	4	26	11	292	3	0	5	0	1.71	0.28	1.17	21	0.0	0		4	1	1
ECKMAN 2 SE	AM	70.0	37.0M	53.5M	- 2.2	91	2+	24	11	371	4	0	3	0	1.21	- 0.29	1.00	21	T	0		1	1	1
FESSENDOEN		72.0	42.7M	57.4M	0.8	95	3	25	11	270	4	0	3	0	1.88	0.37	0.76	18	0.0	0		5	2	0
FORT YATES		76.8	44.9	60.9	0.7	98	5+	28	11	192	5	0	3	0	1.77	0.32	0.77	20	0.0	0		3	2	0
FOXHOLM 7 N		71.2	41.0	56.1	- 0.1	90	2	22	25	293	1	0	5	0	1.51	- 0.04	0.67	21	0.0	0		3	2	0
GARRISON	AM	69.7M	41.7M	55.7M	- 0.2	96	4	27	11	312	3	0	2	0	2.59	1.13	2.50	21	0.0	0		1	1	1
GRANVILLE		70.6M	42.0M	56.3M	0.4	96	3	29	3	293	3	0	5	0	1.48	- 0.08	0.77	21	0.0	0		4	1	0
HANSBRO		67.6	39.6	53.6	- 0.6	94	3	23	11	352	2	0	5	0	1.77	- 0.09	0.71	21	0.0	0		5	1	0
LEEOS		70.3	40.9	55.6		93	3	22	11	305	3	0	5	0	3.10		1.40	18	T	0		5	2	2
LINTON		76.3	43.9M	60.1M	0.3	98	15	19	11	194	6	0	4	0	1.61	0.04	0.65	22	0.0	0		3	1	0
MAOOCK AGR SCHOOL		70.6	41.4	56.0	- 0.9	96	3	22	11	301	4	0	6	0	1.91	0.25	0.95	21	0.0	0		5	1	0
MANOAN EXP STATION	AM	72.0	43.0	57.5	- 1.1	95	4	28	11	259	4	0	2	0	2.93	1.47	1.63	21	0.0	0		2	2	2
MANOAN FT LINCOLN PARK		75.1	41.3	58.2		99	3	27	11	248	5	0	5	0	2.22		0.91	17	0.0	0		3	3	0
MAX	AM	69.5	42.1	55.8	- 0.8	95	4	27	11	294	2	0	3	0	2.79	1.40	2.65	21	0.0	0		1	1	1
MC CLUSKY		70.0M	42.2M	56.1M	- 1.1			24	11		0	0			2.00	0.63	0.93	21	0.0	0		3	2	0
MINOT CAA AP		68.2	41.3	54.8	- 1.6	93	3	25	11	335	4	0	4	0	1.67	0.07	1.10	20	0.0	0		2	1	1
MINOT EXP STATION	AM	68.6	42.9M	55.8M		92	4	27	11	311	2	0	4	0	1.45		1.30	21	0.0	0		1	1	1
MOFFIT 4 SE		74.8	42.6M	58.7M		97	15	23	11	239	5	0	4	0	1.22		0.52	21	T	0		4	1	0
MOHALL		71.6	40.6	56.1	- 1.2	93	2	26	11	289	2	0	5	0	1.32	- 0.24	0.68	20	0.0	0		2	2	0
NAPOLÉON		72.4M	42.4M	57.4M	- 0.1			26	11	271	3	0	4	0	1.84	0.38	0.65	21	0.0	0		6	2	0
NEW SALEM 1 S		71.9	43.1	57.5	- 0.8	98	3	28	10	271	3	0	4	0	2.12	0.81	1.00	21	0.0	0		3	2	1
PETTERONE		72.7	43.1	57.9	1.3	94	3	21	11	253	4	0	4	0	1.17	- 0.17	0.50	21	T	0		3	1	0
RIVERDALE	AM	69.7	44.0	56.9		95	4	31	25	276	2	0	1	0	1.80		1.71	21	0.0	0		6	2	0
ROLLA		65.9	41.5	53.7	- 1.4	90	3	26	10+	349	1	0	4	0	2.57	0.82	0.94	18	T	0		3	1	1
RUGBY		70.8	42.2	56.5		96	2	25	11	287	4	0	5	0	1.67	- 0.01	1.06	21	0.0	0		3	1	1
SAN HAVEN		67.2	41.7	54.5	- 0.5	92	3	26	10	330	1	0	4	0	2.73	1.06	1.10	21	T	0		5	2	1
STEELE	72.5M	41.0M	56.8M	- 0.9			25	11	279	4	0	5	0	1.41	- 0.12	0.66	21	0.0	0		4	1	0	
TOWNER		70.2	39.1	54.7	- 2.2	93	5	22	11	324	1	0	5	0	1.85	0.13	1.06	21	0.0	0		3	1	1
TURTLE LAKE		73.1	42.7	57.9	0.4	96	3	27	11	253	3	0	5	0	2.03	0.76	1.26	21	0.0	0		2	2	1
UNDERWOOD	AM	71.3	41.8M	56.6M	- 1.6	99	4	26	11	293	4	0	2	0	2.21	0.81	2.03	21	0.0	0		1	1	1
UPHAM 3 N		72.4	38.6	55.5		97	3	20	11	293	1	0	5	0	1.21		0.76	21	0.0	0		3	1	0
VELVA		69.8	41.8	55.8	- 1.4	94	3	26	11	296	2	0	3	0	1.60	0.04	0.87	21	0.0	0		4	1	0
WASHBURN		72.8M	41.3M	57.1M	- 2.2	98	3	28	3	283	4	0	3	0	2.42	1.15	1.54	21	0.0	0		3	2	1
WESTHOPE		67.6	39.6	53.6	- 2.0	88	1+	23	11	345	0	0	4	0	1.91	0.46	0.80	17	0.0	0		3	2	0
WILLOW CITY		69.1	36.8	53.0	- 1.7	94	3	21	11	369	3	0	8	0	2.23	0.58	0.95	21	0.0	0		3	2	0
WILTON		72.3M	41.5M	56.9M	- 0.4	95	3	27	10	287	2	0	0		2.15	0.90	1.18	21	0.0	0		4	2	1
WISHEK		74.6	41.1	57.9	0.7	95	15	27	11+	251	3	0	6	0	1.73	0.28	0.84	21	0.0	0		3	2	0
DIVISION				56.2	- 0.8										1.93	0.50			T					
WESTERN DIVISION																								
ALMONT 7 SW		73.7	45.0	59.4		102	3	31	24+	236	5	0	3	0	2.79		1.47	21	0.0	0		3	2	1
AMION	AM	72.8	43.1	58.0	- 0.4	94	4+	27	25	255	3	0	7	0	1.23	- 0.24	0.98	21	0.0	0		2		

DAILY PRECIPITATION

NORTH DAKOTA
SEPTEMBER 1955

Table 3

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADAMS 7 S	2.50									.48									.49		.25	1.10		.01			.15					
ALEXANDER	.07																		.46		.03									.03	.04	
ALMONT 7 SW	2.70																		.46		.66	1.47	.06		T	.09	.02					
AMAROSE 3 N	.61																			.36	.15		.06	.07						.03	.07	
AMENIA	1.14										.22						.04		.06		.03	.30	.32				.05	.10		.02		
AMIDON	1.23										T								.03			.98	.10				.05				.07	
ARVILLA STATE PARK	2.20									.09							.29		.42		1.35							.14				
ASHLEY	1.15																	T	.02		.01	.68	.25			.12	.02	.05				
HALTA	1.55									.03							.01		.07	T	.25	1.07			T	.12	.02	.05				
RANTRY	1.39									.04											1.09	.06					.12	.02	.05			
BEACH	.15										T								.02		T									.03	.03	
BELCOURT INDIAN RES	2.32									.15								.05	.58		.45	.82					.16	.11				
BEFIELD	1.02									T	.02	T		T							.14	.64	.08			.14	T		T			
BERTHOLO	1.64																	.28			.57	.78						.01				
BEULAH	1.91																				1.91	T										
BISREFF	1.67																				.32	1.19				.09	.07					
BICKMARCK WA AP	2.26	R//								T	T		T					T	.70		1.21	.23	.05			.03	.04	.07	T	T	T	
BICKMARCK 12 ENE	2.28													.01				T	.75		.25	1.14	.06				.04	.03				
ROTTINEAU	2.33										.12				T				.80	T	.99	.13			T		.15			.13		
ROWRELLS	1.54									.02				T		T					T	1.42	.09	.01								
ROWMAN COURT HOUSE	1.10																	.02		.03	.40	.35	.19			.07				.04		
ROWMAN 11 SE	1.34																			1.00	.05	.16			.07		.01	.05	T	T		
ROWMAN 30 NNW	.18																				.13	.05			T							
BURT 16 N	2.44																			.12	.72	.05				.05		.04				
RUTTE	2.25																		.48		.09	1.56	.02		.06							
CARRINGTON	1.22											.13						.02		.27		.44	.05			.10	.05	.16				
CARSON NO 2	2.81																	.47		.32	1.78	.10	T			.12	.02					
CAVALIER	2.75								.05	.25							.02		1.13		1.05	.01	T		.01		.23					
CENTER	1.92																.15			.42	1.25					.10						
COLGATE	1.29										.20										.06	.61	.13				.15					
COLUMBUS	.84									.01							.02			.12	.46	.02									.06	
COOPERSTOWN	1.36									.10						T		.30		.06	.75	.05		T			.04	.06		T		
COURTENAY	1.47									.07									.35		.76	.05	.03				.08	.08				
CROSSBY	.98														T						.40	.52	.06									
DEVILS LAKE WA CITY	1.61	R						T	.15							T	T	T	.46		.16	.69			T		.11	.02		.02	T	
DICKINSON CAA AP	1.67	R//									T							T	.01	T	1.42	.20				.02	T			.02		
DICKINSON EXP STATION	1.53																				1.45		.04				.04	T			.02	
DOHNVROOK	1.33																			.18	.90	.09					.04	T				
DRAKE	1.71									.03	.03								.12		1.17	.09				.10	.01	.10		.16	T	
DUNN CENTER 2 SW	.92										T								T		.06	1.90	.02	T	T	T						
ECKMAN 2 SE	1.21																		.09		1.00	.07						.05				
EDGELEY EXP FARM	1.16										.06										.60	.23	.05				.16	.06				
EDMORE 1 W	1.85																T	T	.41		.09	1.12				.10	.09		.04			
ELGIN 5 S	2.24												T							.44	1.44	.15				.13	.03			T	.05	
ELLENDALE	.62														T	T					.26	.21				.01	.12	.02		T		
ENDERLIN	1.25									.08	.10								T		.56	.24	.05				.07	.13		.02		
EPPING	.07																		.01													
FAIRFIELD	.72																				.63											
FARGO WA AP	1.27	R//								.40											.13	.14	.32				.04	.20	T	.02	.02	.01
FESSENDEN	1.88																	.11	.76		.13	.73					.12	.03		T		
FLASHER	2.84																		.48		2.18	.05					.13					
FLAXTON	1.28									T	.01		.01				T					.02										
FORBES 13 NW	.92										.02							T	T		.52	.19					.12	.07				
FORMAN	.63																				.42	.09										
FORT YATES	1.77									.03										.77	.26	.65					.06	T				
FOXHOLM 7 N	1.51																T		.29	T	.52	.67	.01	T			.02					
FULLERTON	.53																				.40	.83	.50				.08	.05				
GACKLE	1.63																										.14	.08				
GARRISON	2.59										.02										2.50							T	.07			
GLEN ULLIN 13 N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GOLDEN VALLEY 10 S	2.50																				1.20	1.25					T	.05				
GRAFTON	2.72									.16								T	T	.70	T	1.38					.02	.19				
GRAND FORKS CAA AP	.99	R								.04							</															

DAILY PRECIPITATION

NORTH DAKOTA
SEPTEMBER 1955

Table 3—Continued

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ROCKFORD 7 WNW	1.21									.09									.39	.17	.42						.10	.04					
NEW SALEM 1 S	2.12												T						.25	.80	1.00	.05					.02				T		
NEWTOWN	1.09									T								T	.06	.18	.82		.03										
NOONAN	.38																			.16	.18	.04											
NORTONVILLE	1.55																			.94	.50						.11						
OAKES	1.07									.02	T				T		T		.12		.50	.10	.15				.11	.05	T	.02			
PARK RIVER	3.24									.19						T		T	1.39		1.40	.03		T			T	.20		.03			
PARSHALL	1.35									.02				.01				T		.25	1.05		.02								T		
PEMBINA 2 N	5.26									.23							.02		3.52		.87												
PETERSBURG	2.08									.14							.32		.32		1.06	1.02						.23		.02			
PETTERONE	1.17									.12								T	.33	.08	.50						.06	.04	.04				
PINGREE	.94									.08								T	.23	.03	.42	.03					.10	.05					
PORTAL	1.45								.03					T					.26	.09	.99	.06	.02	T									
POWERS LAKE 1 N	.68																		.20	.43	.03												
PRETTY ROCK	2.36									T								.15	T	1.48	.31	.19					.17			.04	.02		
RAUR 10 SSW	.94									.07										.70	.12											.05	
REEDER	3.24									T			.07						.22	1.95	.80	.10				.07						.03	
REEDER 14 N	2.24																		.10	1.94	.08						.07					.05	
RICHARDSON ARBEY	2.30									.02				T				T		.53	1.69	.02				.03	.01			T			
RIVERDALE	1.80									.04								T		1.71	T												
ROLLA	2.57									.22								T	.94	.32	.81	.02					.13	.13					
RUGBY	1.67									.05									.02	.36	1.06			T	.01		.06	.11					
RYDER																																	
SAN HAVEN	2.73									.12									.08	.61													
SCRANTON	1.85																			1.02	.60	.13					.08	T			.04	.02	
SELFRIEGE 11 W	2.89									.02									.20	1.01	1.08						.50	.06			.02		
SENTINEL BUTTE 20 S	T										T																					T	
SHARON	1.78								.08									.03	.03	.22	.30	.88	T		.06		.03	.15					
SHERWOOD 3 N	1.19									.07				T					.05	.55	.50	.02											
SHIELDS	2.71									.07									.08	1.00	1.38					.16	.02						
STANLEY	1.56									.05									.05	.53	.98	T	T										
STEELE	1.41									.10									.02	.27	.20	.66					.08	.03			.05		
SYKESTON	1.51								T	.15										.12	.59					.05	T						
TAGUS	1.30																		.75		.46											.05	
TIOGA 1 E	.41									T								T				.28	.06	.06	.01		T	T					
TOLLEY 3 NE	1.14																			.02	1.00		.10	.02									
TOWNER	1.85																			.48	1.06												
TROTTERS 6 WNW	.09										T								T						.09								.07
TURTLE LAKE	2.03									.02								T		.62	1.26							.07	.02				
TUTTLE	1.95									.14									.05	.72	.70	.26					.08						
UNDERWOOD	2.21																					2.03	.07		.01	.03	.07						
UPHAM 3 N	1.21									.01								T	.02	.27	.76												
VALLEY CITY	1.63									.27								T	.02	.03	.75	.40				.05	.03						.08
VELVA	1.60									.01										.45	.87	.16			T		.16	.11					
VERONA	.92																			.57							.13	.05	.01				
WAMPETON STATE SCHOOL	1.35									.06									T	.03	.51	.40					.14	.21					
WALHALLA	4.69								.15	.35									3.02	.98			T	T			.19	.19					
WARWICK	1.47																		.16	.10	.77												
WASHBURN	2.42																			.20	.55	1.54				.19	.08						
WATAUGA 5 DAK 8 N	2.30						T	T		.03									T	.10	1.60	.40				.20	T						T
WATFORD CITY	.20																				.20												
WATFORD CITY 14 S	.20										T										.20												
WESTHOPE	1.91									.07									.80	.45	.57											T	
WILGROSE	.43																			.05	.38												
WILLISTON WB CITY	R/I																		.01	.03	.01	T									T	T	
WILLOW CITY	2.23									.06									.07	T	.95						.31	.05			.04	.03	
WILTON	2.15									.10									T	.22	.51	1.18	.08		T		.06						
WISHEK	1.73																				.84	.68					.12	.04			.05		
WOODWORTH 5 E	.73									.05										.23							.05	.10					
ZAHL	.48										T										.40	.04	.04										T

EVAPORATION AND WIND

Table 6

Station		Day of month																															Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
DEVILS LAKE WB CITY	EVAP	.16	.14	.24	.30	.25	.22	.16	.16	.04	.18	.11	.15	.19	.18	.19	.20	.13	.11	.18	.04	-	.08	.08	.04	.03	.16	.05	.13	.10	.06	4.208	
	WIND	16	21	21	50	34	54	21	53	13	107	13	39	56	15	86	25	46	41	40	33	64	38	67	54	47	5	22	69	68	25	1243	
EOGELEY EXP FARM	EVAP	.15	.22	.19	.28	.30	.36	.28	.23	.23	.19	.24	.20	.12	.27	.23	.34	.29	.23	.28	.24	.07	.07	.07	.15	.08	.07	.06	.10	.21	.16	5.91	
	WIND	32	48	34	68	54	111	41	50	61	97	50	28	39	105	26	53	3	106	90	38	106	46	68	42	86	29	30	5	104	54	1705	
MANDAN EXP STATION (A)	EVAP	.23	.11	.13	.21	.20	.35	.15	.29	.09	.20	.20	.19	.10	.13	.24	.18	.13	.26	.19	.22	.06	.10	.13	.13	.07	.07	.03	.06	.15	.09	4.66	
	WIND	100	61	34	101	70	176	51	172	133	145	119	45	56	105	178	107	96	173	95	122	152	125	115	116	58	88	65	88	161	93	3200	
RIVERDALE	EVAP	.31	.19	.31	.44	.32	.24	.27	.38	.17	.28	.27	.16	.32	.27	.48	.13	.22	.35	.29	.14	-	.08	.18	.16	.09	.10	.09	.09	.29	.10	6.958	
	WIND	163	65	56	132	76	160	75	207	149	175	136	91	134	87	244	95	112	125	70	149	171	131	216	143	76	129	105	101	198	90	3865	

DAILY TEMPERATURES

NORTH DAKOTA
SEPTEMBER 1955

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX MIN	91 56	93 53	102 53	81 45	98 56	80 39	82 47	70 45	72 47	61 33	70 32	81 42	82 57	87 49	88 66	85 40	91 63	75 53	80 46	65 49	55 46	57 37	55 37	49 31	46 31	46 37	69 39	75 47	66 40	60 35	73.7 45.0	
AMENIA	MAX MIN	85 40	89 54	88 51	79 57	86 48	80 47	77 41	78 50	72 51	61 33	63 31	79 31	85 55	80 46	86 56	84 56	93 59	87 64	78 42	65 38	61 51	55 46	55 39	51 35	52 38	56 43	69 48	80 35	73 46	58 30	73.5 45.1	
AMIOON	MAX MIN	83 55	90 55	89 62	94 49	79 56	94 40	75 44	82 42	66 45	70 28	57 30	69 41	87 46	77 48	88 63	76 81	82 56	81 43	88 73	65 56	57 30	54 29	56 30	55 27	46 31	52 37	56 42	69 37	80 42	49 38	72.8 43.1	
ARVILLA STATE PARK	MAX MIN	84 43	94 50	93 55	86 54	90 41	88 45	71 34	72 45	66 49	59 33	64 21	76 30	81 42	80 36	86 53	82 54	85 47	78 61	71 42	63 35	57 46	64 40	55 40	50 36	51 37	53 42	65 47	77 31	72 45	60 23	72.4 41.9	
ASHLEY	MAX MIN	85 49	89 46	92 47	75 45	88 40	75 40	75 34	75 46	77 50	60 32	67 28	83 41	83 47	82 36	96 53	83 54	93 47	78 62	78 42	63 35	62 46	58 35	55 50	51 41	48 33	48 26	66 38	82 39	70 43	59 31	73.2 42.5	
BEACH	MAX MIN	87 59	90 42	90 56	90 44	79 45	92 36	75 46	86 44	61 43	71 25	59 23	71 46	87 43	79 40	70 57	83 33	80 44	87 48	72 38	77 49	67 44	56 30	57 32	53 31	48 28	46 39	53 34	70 43	83 38	49 37	72.5 40.6	
BELCOURT INOIAN RES	MAX MIN	81 40	87 50	92 47	71 48	87 37	66 39	66 34	62 45	63 40	55 21	60 20	72 28	74 42	78 35	80 57	78 49	79 67	67 42	65 40	51 36	48 43	51 37	47 38	46 31	50 19	62 35	62 41	75 31	64 35	54 24	66.1 37.6	
BELFIELD	MAX MIN	90 48	92 43	93 46	81 45	92 36	88 39	83 44	62 43	69 43	59 26	71 34	86 37	77 42	88 37	80 52	78 34	82 45	78 40	76 41	65 45	53 41	53 33	49 30	46 29	44 28	47 29	69 36	82 41	66 36	59 34	71.9 38.2	
BEULAH	MAX MIN	78 48	86 45	87 47	95 46	75 41	90 37	69 37	78 44	66 44	56 27	66 23	66 28	75 40	75 34	83 35	81 33	80 34	87 54	70 34	76 39	51 47	53 34	54 31	48 25	45 26	46 32	50 35	74 35	46 34	68.9 36.9		
BISBEE	MAX MIN	84 43	87 55	93 52	72 45	88 45	75 43	67 42	67 46	64 42	56 27	61 24	74 27	76 44	76 43	82 56	78 48	86 66	76 50	67 35	58 30	50 45	52 39	50 37	46 31	51 28	51 31	62 46	78 36	66 39	56 28	68.3 40.4	
BISMARCK W8 AP	MAX MIN	86 55	90 51	98 51	79 50	96 45	73 45	80 41	70 48	71 42	61 34	69 27	80 39	82 46	85 39	92 52	84 44	90 62	75 48	77 41	59 48	60 36	59 41	55 36	51 32	48 34	40 39	68 50	78 40	60 38	72.8 43.0		
BOTTINEAU	MAX MIN	75 50	85 47	89 54	90 45	73 43	88 38	67 41	70 44	65 51	65 22	58 25	63 37	76 42	74 42	80 56	79 34	78 51	84 53	68 40	67 40	51 40	52 39	45 36	47 33	50 25	51 31	40 48	63 37	75 37	46 27	67.5 40.0	
BOWBELLS	MAX MIN	80 53	89 49	91 59	80 40	79 46	87 34	69 40	69 41	61 43	64 28	61 22	68 36	76 45	74 41	83 50	75 34	79 45	79 43	68 37	70 40	48 48	61 37	50 35	47 47	49 29	51 31	50 39	60 49	75 37	45 28	67.9 39.5	
BOWMAN COURT HOUSE	MAX MIN	90 54	89 50	85 52	84 51	94 43	86 44	84 44	81 44	70 45	65 29	68 27	87 41	79 43	88 55	82 59	82 41	75 55	68 40	64 52	56 43	53 27	51 31	51 36	43 31	49 36	70 49	80 39	75 39	57 36	73.4 42.5		
BUTTE	MAX MIN	78 54	81 55	87 57	95 45	74 47	93 40	68 40	76 42	66 45	68 32	60 26	66 42	78 50	77 41	83 60	87 43	91 50	86 49	86 42	72 44	51 44	53 37	56 36	53 35	54 34	50 32	50 32	63 38	74 38	41 29	70.6 41.8	
CARRINGTON	MAX MIN	70 45	82 51	87 51	92 42	73 43	89 40	68 36	74 42	70 47	65 30	58 26	64 31	74 37	78 36	79 41	90 46	80 50	81 49	70 41	71 40	53 42	57 36	49 32	48 27	46 35	49 35	74 35	45 27	68.6 39.6			
CARSON NO 2	MAX MIN	83 55	90 57	89 57	97 50	79 41	95 45	74 41	82 45	71 47	72 32	60 30	68 35	72 40	78 45	81 51	85 44	89 52	80 44	72 45	76 52	56 48	56 38	53 35	48 30	51 48	51 37	65 40	75 37	45 31	72.0 43.3		
CAVALIER	MAX MIN	85 43	91 51	95 56	83 53	91 43	88 49	68 43	67 43	63 44	58 33	62 29	74 29	78 43	76 42	84 56	80 54	82 48	76 59	66 48	62 37	59 46	58 46	53 41	50 38	53 29	53 29	65 46	73 37	70 43	57 28	70.7 42.7	
CENTER	MAX MIN	86 44	88 46	96 46	76 45	93 44	80 38	68 37	68 43	68 44	57 29	77 32	77 32	85 46	87 35	87 52	82 60	86 35	76 54	78 48	60 35	53 45	57 49	52 34	48 31	50 25	48 32	65 37	78 48	60 34	71.6 39.7		
COOPERSTOWN	MAX MIN	87 45	92 51	91 53	90 51	88 42	88 48	72 42	72 47	68 51	63 28	74 37	74 37	80 53	80 40	87 57	85 60	85 60	72 60	69 42	55 47	59 45	57 32	49 29	48 32	50 41	64 46	79 37	74 43	56 29	72.6 43.4		
CROSBY	MAX MIN	90 50	90 53	84 58	77 48	85 46	70 42	72 42	61 45	69 36	57 29	67 31	76 44	74 49	86 53	82 42	80 48	75 49	70 46	72 42	67 40	56 33	50 28	48 33	48 28	56 28	58 33	79 44	61 36	57 29	68.8		
DEVILS LAKE W8 CITY	MAX MIN	85 50	87 53	95 58	72 48	91 46	68 42	71 42	68 45	62 36	57 31	61 26	75 35	78 49	80 41	90 56	78 49	85 52	68 44	53 39	51 45	55 43	48 39	48 32	51 29	62 40	78 38	65 34	56 30	68.1 42.1			
DICKINSON CAA AP	MAX MIN	92 54	90 52	97 56	82 46	94 52	73 40	83 43	62 44	71 36	57 29	68 31	84 44	78 49	87 44	77 51	83 48	85 53	76 48	62 50	56 41	54 34	47 33	47 33	46 37	67 33	78 45	51 38	59 43	71.2 42.6			
DICKINSON EXP STATION	MAX MIN	84 53	92 44	90 58	97 48	81 50	94 37	44 38	83 44	73 44	73 28	22 40	70 40	84 40	79 35	88 52	74 35	83 52	84 52	73 40	79 40	57 34	57 37	53 31	46 31	47 36	48 36	79 46	49 40	35 35	72.9 41.2		
DRAKE	MAX MIN	77 51	83 50	87 56	94 42	74 47	91 38	68 42	75 44	67 47	59 32	65 26	77 38	77 46	83 45	86 49	79 44	90 53	70 44	72 44	51 45	53 39	56 38	49 30	50 32	50 38	50 37	63 41	76 41	46 28	69.5 41.8		
DUNN CENTER 2 SW	MAX MIN	84 50	88 51	90 50	93 48	78 45	88 34	72 40	83 44	68 45	68 29	68 28	69 38	80 45	78 40	89 58	76 38	80 50	82 52	80 40	76 43	57 43	52 36	54 34	49 35	49 33	67 37	80 38	47 34	71.6 40.8			
ECKMAN 2 SE	MAX MIN	79 41	91 50	90 51	90 42	76 45	91 36	71 38	73 42	63 39	67 28	67 24	77 29	77 30	77 45	83 56	79 41	80 56	72 45	72 40	50 41	52 38	52 37	49 33	52 26	52 30	52 36	76 46	49 34	70.0 37.0			
EOGELEY EXP FARM	MAX MIN	74 45	83 52	87 48	91 54	76 45	87 43	72 38	74 44	76 52	62 33	66 30	60 31	80 45	85 41	82 56	95 54	81 56	92 62	79 45	79 40	62 45	64 44	60 36									

DAILY TEMPERATURES

NORTH DAKOTA
SEPTEMBER 1955

Table 5 - Continued

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
GARRISON	MAX MIN	78 55	87 51	88 55	96 46	79 47	93 39	71 44	78 44	68 45	70 31	60 27	65 39	78 40	83 47	83				47	75	43	48	51	55	56	56	59	49	49	65	73	48	69.7 41.7
GRAFTON	MAX, MIN	82 45	90 52	93 56	92 55	92 43	90 47	74 41	67 47	65 50	58 33	61 27	74 33	80 49	78 42	84 57	82 54	80 50	78 62	66 45	64 39	58 45	59 44	56 42	50 37	51 30	53 40	65 43	74 36	72 45	56 28		71.5 44.1	
GRAND FORKS CAA AP	MAX MIN	83 44	91 55	91 57	75 48	89 41	71 43	69 42	71 47	61 35	59 31	60 25	75 34	80 51	78 40	83 58	81 53	83 55	72 46	62 42	56 35	60 43	49 39	48 38	53 38	54 43	65 41	76 36	62 36	56 28		69.4 42.2		
GRAND FORKS UNIVERSITY	MAX MIN	82 45	87 56	90 56	79 53	88 42	80 43	69 42	71 47	63 45	59 31	60 27	75 35	81 55	77 42	84 59	81 53	84 54	74 60	70 42	62 35	58 47	60 41	50 38	49 36	51 38	54 42	66 48	76 37	70 44	56 28	70.2 44.0		
GRAND RAPIDS 1 N	MAX MIN	82 42	89 51	90 48	82 40	87 37	80 39	75 44	71 48	77 54	62 29	66 25	82 32	85 42	83 39	93 63	89 56	92 59	84 60	79 42	66 36	63 47	62 42	59 30	55 38	51 28	51 38	68 45	80 34	72 45	58 26	74.4 42.2		
GRANVILLE	MAX MIN	88 56	90 51	96 56	75 42	92 48	73 38	75 40	66 43	68 46	59 29	80 33	73 42	84 39	81 63	81 53	83 50	71 40	83 53	73 40	62 42	53 48	52 39	50 37	48 32	52 25	53 38	64 36	76 38	60 32		70.6 42.0		
GRENORA	MAX MIN	89 57	91 47	89 57	82 40	85 51	80 34	77 44	76 41	65 43	60 24	68 23	81 45	77 45	82 51	84 53	80 37	80 49	75 42	73 38	71 47	56 49	49 36	50 33	54 26	53 36	68 42	82 36	72 36	58 28		71.2 40.2		
HANKINSON R R STATION	MAX MIN	74 45	82 50	84 53	88 47	74 53	83 39	70 47	75 45	77 46	77 33	59 26	61 32	83 42	84 33	90 45	91 60	81 59	81 59	93 60	82 42	79 49	61 45	63 48	52 32	52 33	55 36	66 43	81 45	74 34		72.3 43.5		
HANNAH	MAX MIN	83 47	87 49	91 51	75 41	87 42	70 36	63 38	63 42	61 40	55 26	60 21	71 32	74 42	72 37	81 55	77 40	81 46	74 53	63 41	58 37	55 44	50 42	48 36	49 34	50 26	49 36	61 41	75 36	68 45	49 28	66.7 38.8		
HANSBORO	MAX MIN	85 42	89 52	94 56	71 48	90 44	66 39	66 40	65 44	63 41	56 27	66 23	73 28	78 42	79 39	81 50	79 42	81 47	88 51	65 42	53 34	49 40	55 38	46 35	47 27	53 25	50 35	63 40	78 35	60 27		67.6 39.6		
HETTINGER	MAX MIN	90 54	86 49	94 52	81 47	94 53	71 39	80 47	73 45	70 46	58 33	67 26	86 43	78 49	85 63	83 53	81 39	85 53	73 40	68 36	63 40	60 45	56 36	46 33	47 33	49 33	62 36	77 43	79 40	69 35		72.2 43.1		
HILLSBORO	MAX MIN	84 42	92 55	90 59	87 45	86 41	85 46	72 41	75 50	72 53	60 31	54 29	74 38	82 56	79 44	83 58	83 56	90 58	84 58	75 42	71 38	59 48	58 44	57 38	57 36	56 37	54 42	67 34	78 47	74 47	57 31	73.2 44.5		
JAMESTOWN CAA AP	MAX MIN	84 46	89 52	91 49	75 45	89 40	71 43	74 36	72 47	65 41	59 30	64 27	78 32	81 46	80 36	92 56	82 55	86 56	74 39	74 43	55 45	54 40	53 38	52 33	48 28	50 41	65 39	80 36	60 40	57 29		70.4 41.2		
JAMESTOWN STATE HOSP	MAX MIN	85 47	89 54	93 51	82 45	90 49	79 34	75 47	74 48	66 53	60 37	65 29	78 34	82 41	81 39	93 60	82 56	89 59	82 60	76 43	65 49	63 53	60 48	50 38	50 33	49 29	51 36	66 41	80 36	71 44	58 30	73.1 44.0		
KENMARE	MAX MIN	81 52	88 53	92 56	84 45	75 49	88 38	68 40	73 39	63 40	65 28	57 25	69 38	78 48	74 42	83 46	78 40	78 45	80 48	68 40	71 41	50 44	51 40	50 36	48 30	48 30	50 40	62 31	75 41	45 38		68.1 41.0		
KENSAL WILDLIFE REFUGE	MAX MIN	81 46	87 52	94 51	83 40	91 48	76 38	78 35	75 48	69 53	67 30	68 23	78 47	83 46	82 36	90 40	83 47	88 54	76 51	78 43	56 48	62 41	60 37	54 31	49 24	50 40	68 44	78 34	64 46	60 26		73.4 40.8		
LANGDON EXP FARM	MAX MIN	85 49	90 49	93 56	89 43	89 45	85 36	66 43	63 49	59 58	56 26	60 22	72 35	77 45	75 38	82 58	78 45	81 52	78 39	67 40	60 37	50 42	47 36	49 31	49 26	48 26	61 31	75 41	73 34	55 24		68.8 39.9		
LARIMORE	MAX MIN	85 45	90 53	91 54	87 50	90 44	86 44	74 38	72 45	63 46	59 35	62 25	75 35	80 45	78 39	85 57	81 54	85 60	78 43	64 39	56 45	61 49	56 40	50 33	50 35	54 35	65 41	78 35	73 46	57 27		71.9 43.3		
LEEOS	MAX MIN	84 49	89 51	93 55	87 44	90 42	80 38	71 37	67 42	64 48	57 28	62 22	74 32	76 41	80 38	86 57	76 41	90 55	78 42	68 39	64 45	51 40	52 41	48 32	48 39	50 39	62 41	80 35	68 29	57 21	70.3 40.9			
LINTON	MAX MIN	86 53	90 50	95 47	82 52	93 48	91 41	80 47	78 49	75 52	67 32	70 19	85 42	85 44	89 35	98 62	81 52	92 67	79 60	80 40	65 50	50 52	67 34	65 28	52 29	48 39	49 37	68 42	70 45	62 34		76.3 43.9		
LISBON	MAX MIN	83 38	88 50	88 46	84 57	83 37	82 45	76 36	76 42	80 39		63 29	73 38	83 48	83 28	89 55	92 55	92 58	88 41	79 38	77 40	58 41	56 33	56 32	50 30	55 35	68 35	79 35	78 35	56 28		75.5 40.0		
LOSTWOOD 12 N	MAX MIN	86 51	87 51					67 37	71 42	63 39	64 43	55 23	65 24	76 38	72 48	84 60	80 60	76 31	75 48	73 46	69 36	55 44	49 36	46 34	46 24	50 38	50 33	60 37	76 33	71 35	56 27	65.6 38.6		
MAODOCK AGR SCHOOL	MAX MIN	84 48	88 51	96 51	87 45	92 41	70 39	72 39	67 49	64 50	57 29	63 22	75 32	76 45	80 37	90 60	79 42	90 53	78 43	71 40	60 45	55 43	52 37	49 30	49 27	50 39	63 41	79 35	69 40	56 30		70.6 41.4		
MANDAN EXP STATION	MAX MIN	79 55	86 56	87 51	95 45	76 46	94 46	71 42	80 46	69 49	69 32	59 28	68 38	79 48	80 35	85 56	91 42	84 53	90 45	74 49	77 35	59 48	57 39	53 34	50 33	49 37	48 37	67 41	76 42	49 35		72.0 43.0		
MANOAN FT LINCOLN PARK	MAX MIN	89 53	90 54	99 50	87 49	97 42	91 43	80 38	77 35	70 48	63 31	70 27	79 35	83 45	84 46	93 58	83 40	89 58	82 44	78 40	68 45	61 47	58 36	52 31	48 35	49 35	68 32	78 38	71 40	61 34		75.1 41.3		
MARMARTH	MAX MIN	93 61	91 54		81 44	95 51	81 47	88 48	85 53	70 41		71 20	90 41	79 42	90 36	84 52	85 36	78 52	74 47	71 43	60 56	65 32	53 30	50 32	45 32	55 40	71 36	69 43	60 36		74.4 41.6			
MAX	MAX MIN	77 51	87 57	88 58	95 46	75 45	90 40	70 45	77 44	65 45	68 32	57 27	65 39	77 45	75 39	83 51	80 45	78 51	84 54	70 37	74 47	59 47	53 37	57 36	50 35	51 34	50 49	63 42	72 39	47 29		69.5 42.1		
MAYVILLE	MAX MIN	83 45	90 54	89 55	86 45	87 46	84 43	72 41	71 48	69 51	59 42	62 26	77 34	80 44	79 41	84 43	83 56	89 56	81 63	71 44	68 37	61 52	59 44	56 40	47 34	51 36	53 46	78 36	72 46	56 29		72.1 44.3		
MC CLUSKY	MAX MIN	76 48																																

DAILY TEMPERATURES

NORTH DAKOTA
SEPTEMBER 1955

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX MIN	91 49	89 49	97 51	88 46	95 47	79 40	81 44	73 44	71 46	57 26	68 21	85 39	78 45	87 33	79 58	78 36	84 59	73 51	75 37	61 50	59 48	55 33	53 34	46 30	45 29	46 37	67 34	79 40	66 39	58 37	72.1 41.1	
NEW SALEM 1 S	MAX MIN	90 50	89 56	98 55	78 49	95 52	75 42	80 38	69 43	72 47	60 28	68 30	78 36	80 53	85 46	88 60	83 42	88 55	74 53	77 45	61 47	55 47	57 36	50 36	47 32	46 29	46 36	67 35	76 40	66 40	58 36	71.9 43.1	
NEWTOWN	MAX MIN	91 63	90 50	88 51	81 47	89 47	81 40	81 44	70 42	69 47	58 28	68 27	79 43	76 45	86 37	82 61	79 34	81 50	73 53	75 39	70 49	54 48	53 38	50 36	50 34	50 28	51 40	64 33	78 42	72 38	57 28	71.5 42.1	
OAKES	MAX MIN	74 42	83 55	86 54	88 53	75 40	84 45	70 39	74 47	76 53	79 32	60 32	63 36	81 49	85 42	82 50	94 52	82 61	93 63	79 40	80 46	59 50	65 44	56 35	55 32	54 31	51 42	53 44	68 38	79 48	53 30	72.7 44.3	
PARK RIVER	MAX MIN	87 46	92 55	94 63	93 45	91 47	87 47	69 44	69 44	68 44	62 31	62 28	76 32	80 43	77 42	86 50	84 52	82 48	79 61	66 45	65 38	55 45	59 42	56 40	49 36	50 30	52 42	63 47	75 36	75 38	57 29	72.0 43.0	
PARSHALL	MAX MIN	91 55	90 44	92 54	79 41	92 48	81 34	77 42	76 44	69 48	59 26	67 21	78 39	77 47	85 37	81 64	81 36	86 52	73 54	76 34	72 53	53 39	55 35	51 38	48 34	50 40	66 40	66 48	76 40	68 40	58 29	71.8 42.0	
PEMBINA 2 N	MAX MIN	83 44	90 49	94 59	94 40	92 45	69 37	69 45	66 48	59 31	55 24	72 31	81 41	81 38	83 51	83 49	81 49	80 60	80 43	59 43	55 45	60 45	60 45	50 37	55 45	53 45	64 37	74 27	74 39	55 42	71.8 41.4		
PETERSBURG	MAX MIN	89 56	92 46	85 46	88 46	84 36	70 43	70 45	58 47	57 48	60 28	74 33	79 47	78 39	84 56	81 51	77 53	76 52	70 41	62 37	52 38	59 40	53 36	50 32	47 28	51 40	62 42	76 36	60 42	54 26	68.9 40.7		
PETTIBONE	MAX MIN	86 50	86 53	94 53	90 49	91 45	87 40	75 41	70 45	68 51	61 31	65 21	76 41	80 47	81 41	93 59	81 47	85 60	82 59	73 40	68 41	53 46	62 43	55 36	50 33	47 29	48 43	63 62	80 74	73 40	58 28	72.7 43.1	
PORTAL	MAX MIN	82 55	85 50	89 60	81 36	83 31	83 36	68 42	60 48	68 38	59 23	55 21	65 33	75 46	72 41	85 55	69 35	78 52	77 43	67 39	69 40	50 43	52 39	50 34	56 37	49 27	51 39	51 60	76 62	42 36	62 29	66.3 39.5	
POWERS LAKE 1 N	MAX MIN	88 56	88 46	82 56	76 40	82 31	78 46	74 43	68 42	65 40	55 26	65 21	79 37	83 47	74 35	76 55	76 51	68 42	68 51	76 45	50 49	48 45	45 37	48 35	45 33	62 24	56 45	62 31	57 35	26 26	68.8 38.8		
RAUB 10 SSW	MAX MIN	90 60	90 55	95 60	80 46	92 53	80 45	81 45	69 45	70 42	60 31	68 31	73 45	79 47	86 45	74 45	82 47	85 51	74 51	76 45	54 49	56 45	48 37	57 35	48 34	45 34	66 40	75 44	74 40	62 36	72.0 43.9		
RICHAROTON ABBEY	MAX MIN	88 52	90 51	98 58	83 51	95 51	83 41	81 49	77 43	70 49	59 30	70 27	79 45	79 49	85 45	81 65	84 85	85 78	80 55	69 46	54 49	55 46	52 34	46 37	46 34	55 34	46 37	67 44	69 38	59 37	72.6 44.6		
RIVEROALE	MAX MIN	78 55	85 57	87 55	95 52	76 48	91 45	70 45	76 43	67 46	67 37	58 33	66 40	78 49	76 41	83 54	82 40	80 52	89 56	72 41	72 50	52 47	55 37	56 38	51 37	47 31	49 35	50 43	64 43	73 40	47 35	69.7 44.0	
ROLLA	MAX MIN	81 48	86 54	90 58	76 50	86 44	68 44	64 43	62 41	62 40	55 26	60 28	72 33	73 46	77 43	79 58	77 43	79 49	67 51	65 42	51 36	49 40	51 37	46 38	47 32	51 26	50 36	62 42	75 38	62 36	55 30	65.9 41.5	
RUGBY	MAX MIN	90 51	96 54	84 46	90 48	91 47	68 44	72 44	68 45	66 52	58 30	62 25	77 38	77 46	81 42	85 62	78 42	84 51	78 56	70 38	68 40	51 47	56 53	48 38	52 27	50 38	63 32	77 37	72 28	58 39	70.8 42.2		
SAN HAVEN	MAX MIN	83 52	87 52	92 44	85 50	88 53	80 42	67 45	64 43	64 44	55 26	61 29	73 42	74 46	77 42	73 57	76 40	81 51	69 51	65 41	58 38	50 44	46 37	47 36	47 36	50 27	49 36	62 42	74 42	63 36	54 29	67.2 41.7	
SHARON	MAX MIN	84 50	91 53	89 59	86 51	87 44	70 40	71 44	71 42	57 44	60 26	74 39	79 51	78 40	85 56	84 48	85 49	77 45	71 41	63 38	53 46	58 43	52 37	48 37	48 31	50 40	65 46	78 38	72 61	55 27	70.4 42.2		
STANLEY	MAX MIN	88 53	90 50	84 53	75 45	84 46	76 37	79 40	65 40	66 40	57 26	68 28	79 34	74 44	84 37	76 56	78 32	78 50	75 49	73 50	65 43	58 32	46 35	47 32	51 25	50 37	62 32	76 37	63 28	57 25	69.1 39.3		
STEELE	MAX MIN	85 52	88 52	93 52	83 50	91 46	88 39	78 37	70 44	68 44	59 26	67 25	79 38	81 47	80 44	93 44	85 46	93 56	77 45	72 45	72 45	57 47	59 40	55 33	54 28	48 36	48 28	67 39	66 61	61 29	72.5 41.0		
TIOGA 1 E	MAX MIN	81 54	88 45	89 57	82 39	76 49	87 32	69 43	76 42	64 44	66 24	59 21	67 41	77 40	75 36	85 49	70 32	78 44	76 48	68 35	73 48	52 46	52 36	48 32	47 30	49 30	52 39	52 33	63 44	79 36	45 26	68.2 39.4	
TOWNER	MAX MIN	84 51	84 48	87 65	82 49	93 30	70 36	73 42	67 42	68 42	60 29	65 22	79 34	78 40	83 39	84 39	79 47	84 53	73 53	64 37	52 40	48 40	53 38	48 36	52 25	56 36	65 38	77 38	56 35	60 29	70.2 39.1		
TURTLE LAKE	MAX MIN	86 54	88 51	96 52	76 47	93 49	86 39	77 49	68 44	60 50	66 31	79 27	77 40	77 47	84 61	83 40	80 56	90 53	86 41	77 45	72 45	54 46	58 37	55 37	48 32	49 31	48 35	75 37	71 38	68 32	73.1 42.7		
UNDERWOOD	MAX MIN	80 53	87 50	90 52	99 43	76 42	94 48	72 42	78 46	69 46	68 33	52 26	64 37	80 46	78 45	85 55	86 42	83 55	92 38	73 43	76 49	52 46	55 36	57 37	51 30	50 33	53 33	50 41	64 39	76 33	48 30	71.3 41.8	
UPHAM 3 N	MAX MIN	89 48	89 46	97 47	79 42	85 42	79 35	75 40	68 40	69 48	64 27	67 20	81 33	83 42	85 35	80 39	83 35	84 49	79 52	73 38	67 41	53 48	56 39	52 35	53 30	54 28	56 38	63 36	78 39	71 39	60 26	72.4 38.6	
VALLEY CITY	MAX MIN	85 41	91 52	88 52	75 45	87 38	77 44	75 48	73 54	61 48	63 33	76 44	81 51	80 42	87 55	85 46	86 56	86 62	75 37	69 42	56 45	59 38	57 45	52 34	53 37	53 41	67 48	79 35	75 46	56 30	72.7 44.1		
VELVA	MAX MIN	86 53	87 50	94 55	82 47	91 45	75 40	74 38	71 45	67 50	58 33	65 26	78 37	77 44	83 37	81 61	77 40	82 48	75 54	71 44	50 42	52 48	56 42	51 38	46 35	50 28	40 34	62 40	75 37	70 40	58 30	69.8 41.8	
WAHPETON STATE SCHOOL	MAX MIN	83 51	87 58	90 55	81 58	85 42	82 46	77 40	78 49	79 53	67 32	65 31	83 35	86 58	82 44	92 58	91 60	93 57	82 45	74 46	66 42	60 46	58 46	55 36	54 31	56 46	70 50	79 40	77 48	61 32	76.2 46.5		
WASHBURN	MAX <																																

STATION INDEX

NORTH DAKOTA
SEPTEMBER 1955

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables
							Temp.	Precip.									Temp.	Precip.	
Adams 7 S	0022	Walsh	10	48 20	98 06	1554	8P	Myron J. Bata	3	Melville	5833	Poster	5	47 20	99 02	1625	MID	Edgar B. Stegmeier	2 3 5 C
Alexander	0098	McKenzie	13	47 50	103 38	2200	6P	Arthur J. Rausan	2 3 5 7	Minot CAA AP	5988	Ward	12	48 15	101 17	1722	MID	U.S. Civil Aero Adm.	2 3 5 7 C
Almont 7 SW	0106	Morton	4	46 15	101 39	2200	7P	Rogers Rausland	2 3 5 7	Minot Exp. Station	5983	Ward	12	48 15	101 18	1720	8A	R.C. Agri. Exp. Sta.	2 3 5 7
Amrose 3 N	0189	Divide	12	49 00	103 28	2027	5P	U.S. Border Station	2 3 5 7	Moffitt 4 SE	6015	Burleigh	8	46 40	100 14	1760	5P	U.S. Fish & W.L. Ser.	2 3 5 7
Amnesia	0196	Cape	11	47 00	97 13	960	BS	Virgil L. Geheke	2 3 5 7	Mohall	6025	Burleigh	12	48 46	101 31	1639	6P	Grover Fulton	2 3 5 7
Amidon	0209	Slope	1	48 29	103 19	2910	8A	Adrian R. Waller	2 3 5 7 C	Montpelier	6105	Stutsman	5	46 42	98 35	1379	6P	Roller Ranson	3 7
Antler	0263	Bottineau	18	48 58	101 20	1540	MID	W. B. Wegner	2 3 5 7 C	Mott	6155	Rettinger	1	46 22	102 20	2420	SS	Forrest E. Coffing	2 3 5 7 C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	6P	Albert Thoren	2 3 5 7	Munich 4 SW	6255	Logan	8	46 29	99 45	1955	6P	Ed C. Frank	2 3 5 7 C
Ashley	0382	McIntosh	12	48 02	99 22	2025	5S	Soo Line Agent	2 3 5 7 C	Napoleon	6315	Rettinger	1	46 33	102 52	2621	8P	Anton Seilinger	2 3 5 7 C
Baldhill Dam	0450	Barne	11	47 02	98 02	1300	MID	Corps of Engineers	2 3 5 7	New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550	6P	Richard Steinbach	3
Balfour	0492	McHenry	12	47 57	100 32	1615	MID	Raymond E. Weiler	2 3 5 7	New Sales 1 S	6385	Mott	4	46 50	101 25	2163	6P	William F. Gaebe	2 3 5
Balta	0500	Pierce	11	48 36	100 02	1250	6P	Anton Schmalz	2 3 5 7	Newton	6455	Divide	12	48 53	102 01	2163	6P	Erwin A. Ventsch	2 3 5 C
Bantry	0516	McHenry	12	48 30	100 36	1458	9A	Temple K. Roberts	2 3 5 7 C	Northgate	6535	Burke	12	49 00	102 16	1850	MID	U.S. Customs Sta.	3 C
Beach	0590	Golden Valley	7	46 55	104 01	2814	6A	Reles Tobias	2 3 5 7 C	Nortonville	6565	La Moure	5	46 33	98 44	1508	8A	Benny L. Erickson	3
Belcourt Indian Res.	0626	Rolette	9	46 50	99 45	1960	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C	Pettibone	6630	Dickey	5	46 08	98 05	1320	8A	F. Currie Murray	2 3 5 7 C
Berthold	0639	Stark	4	46 53	103 11	2592	7P	Carl Idebergard	2 3 5 7	Park River	6857	Walsh	8	46 23	97 45	998	5P	Martin Severson	2 3 5
Berthold	0729	Ward	12	48 15	101 44	2080	8P	Joseph S. Cox	2 3 5 7	Parshall	6887	Nountrail	10	47 57	102 08	1929	6P	C. E. Shubert	2 3 5 7
Beulah	0768	Mercer	6	47 16	101 47	1780	6A	Mont. Dak. Util. Co.	2 3 5 7	Pembina 2 M	7241	Burke	8	46 34	102 36	2205	7P	Berbert J. Clark	3
Biebee	0796	Towner	2	47 37	99 22	1600	6P	Robert J. Krick	2 3 5 7 C	Peterburg	7027	Nelson	10	48 01	98 00	1324	5P	Rev. Odean Monson	2 3 5 7
Bismarck WB Airport	0819	Burleigh	8	46 46	100 45	1600	MID	U.S. Weather Bureau	2 3 5 7 C	Pettibone	7047	Kidder	31	48 01	98 00	1324	5P	Rev. Odean Monson	2 3 5 7 C
Bismarck 12 SNE	0827	Burleigh	8	46 51	100 33	1700	8A	KFTR Transmitter	2 3 5 7	Pine Bluff	7117	Stutsman	5	47 10	98 54	1572	6P	Jerry W. Tangney	3
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	R.D. Sch. of Frstry	2 3 5 7	Pine Bluff	7201	Burke	12	49 00	102 33	1954	9A	U.S. Customs Serv.	2 3 5
Bowbells	0961	Burke	4	48 12	102 15	1953	8A	Felix L. Adams	2 3 5 7	Powers Lake 1 N	7241	Burke	8	46 34	102 36	2205	7P	Berbert J. Clark	3
Bowman Court House	0955	Bowman	3	46 25	101 34	2310	8P	W. D. Book	2 3 5 7	Pretty Rock	7311	Grant	1	46 11	101 51	-	6P	Freda Lear	3
Bowman 11 BE	0998	Bowman	3	46 04	102 19	2610	6P	Bernard L. Donagala	2 3 5 7	Raub	7405	McLean	8	47 44	102 04	1885	MID	Alvin Larson	3 C
Bowman 30 NWW	1001	elope	7	46 35	103 31	2505	5P	John B. Hanson	2 3 5 7	Raub 10 SW	7408	McLean	8	46 36	102 06	1958	6P	Lyle P. Boltan	2 3 5
Breien	1052	Morton	1	46 24	100 56	1720	MID	Frank E. Potter	2 3 5 7	Rolla	7443	McLean	8	46 36	102 06	1958	6P	Lyle P. Boltan	2 3 5
Buchanan	1124	Stutsman	5	47 04	98 48	1572	MID	W. B. Bendrickson	2 3 5 7	Roscoe	7452	Slope	1	46 19	102 57	2784	8A	Chas. W. Metinger	3
Burt 16 W	1215	McIntosh	12	48 02	99 44	1800	6P	Carl R. Ward	2 3 5 7	Richardson Abbey	7530	Stark	4	46 53	102 19	2470	5P	Assumption Abbey	2 3 5 7 C
Butte	1225	McLean	12	47 50	100 40	1880	8A	Andrew C. Helnitz	2 3 5 7	Riverdale	7585	McLean	8	47 30	101 21	1910	8A	Corpe of Engineers	2 3 5 7 C
Cando	1288	Towner	2	48 29	99 12	1481	MID	Barry E. Barris	2 3 5 7	Rosette	7655	Rolette	12	48 40	99 50	1825	MID	Earl E. Siebert	2 3 5 7
Carrington	1360	Poster	5	47 27	99 08	1586	8A	Andrew C. Helnitz	2 3 5 7	Scranton	7704	Pierce	12	48 22	100 00	1560	6P	Frank Bornstein	2 3 5
Carson	1365	Grant	4	46 25	101 34	2300	MID	Vincent Muggli	2 3 5 7	Sheridan	7749	Ward	8	47 55	101 00	2108	6P	S. S. Schellenbaum	3 C
Carson No. 2	1370	Grant	4	46 25	101 34	2300	8A	W. D. Drummond	2 3 5 7	Shaw	7824	Rolette	12	48 50	100 02	2001	6P	N.D. State Hospital	2 3 5 7
Cavaler	1435	Pembina	9	48 48	97 38	889	6P	Willie Hanson Pico	2 3 5 7	Shaw	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Center	1456	Divide	8	47 07	101 18	2100	7P	Fred L. Reitz	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Colgate	1686	Steele	10	47 14	97 39	1180	6P	John P. Burchill	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Columbus	1696	Burke	6	47 10	102 47	1380	9P	J. D. Sundell	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Cooperstown	1768	Griggs	11	47 28	98 07	1428	5P	Deland W. Marson	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Courtenay	1818	Stutsman	5	47 13	98 34	1523	5P	G. B. Banawalt	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Crosby	1871	Divide	12	48 54	103 18	1954	6P	Vernon W. Nicola	2 3 5 7 C	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Dawson	2018	Kidder	8	46 52	98 45	1730	MID	Ralph W. Wise	2 3 5 7 C	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Devils Lake WB City	2065	Dunn	12	46 52	98 34	2210	7P	U.S. Weather Bureau	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2589	MID	U.S. Civil Aero Adm.	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	Dickinson Exp. Sta.	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Donnybrook	2242	Ward	12	48 31	101 53	1760	6P	Fred E. Feldner	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Drake	2298	McHenry	12	47 55	100 22	1634	8A	Ed. J. Evans	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Dunn Center 2 SW	2365	Dunn	12	46 52	98 34	2210	7P	U.S. Weather Bureau	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Eckman 2 BE	2472	Bottineau	12	48 39	101 01	1495	7A	John H. Zuercher	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Edgeley Exp. Farm	2482	La Moure	5	46 29	98 42	1568	8A	N.D. Agri. Exp. Sta.	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Eldora 1 W	2525	Ramey	2	48 25	98 29	1520	5P	Mike Davis	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Eldora 2 W	2582	Grant	4	46 25	101 34	2300	8A	Andrew C. Helnitz	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Ellendale	2605	Dickey	5	46 00	98 31	1460	8P	Paul Green	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Enderlin	2695	Ransom	11	46 38	97 36	1120	7A	Leonard Peterson	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Epping	2735	Williams	8	46 17	103 21	2224	6P	E. F. Carpenter	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Emond	2767	Benson	11	48 02	99 46	1650	MID	Lyle O. Ferling	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Fairfield	2809	Burleigh	8	46 51	100 33	1700	6P	John Petrusak	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Fargo WB Airport	2859	Cass	10	46 54	96 48	895	MID	U.S. Weather Bureau	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Fessenden	2949	Wells	5	47 39	99 37	1620	6P	Emil B. Rust	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Flasher	3009	Morton	1	46 27	101 14	1930	6P	George Sinclair	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Flaxton	3019	Slope	1	48 24	103 23	1940	6P	Palmer W. Dunham	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Forbes 13 NW	3065	Dickey	5	46 04	98 56	1550	6P	Thos. A. Johnson	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Forbes 13 SW	3117	Burke	4	46 06	97 39	1249	6P	Art Waterman	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Fort Yates	3207	Slope	8	46 06	103 38	1840	5P	Soll Conservat. Inlet	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Forman 7 N	3277	Ward	12	48 27	101 53	1760	6P	U.S. Wildlife Ref.	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Fryburg 1 NE	3277	Billings	8	46 53	103 18	2742	MID	Elmer Stuhmiller	2 3 5 7	Sheridan	7844	Cavaler	3	46 52	99 37	1819	7P	Thos. B. Fagerlund	2 3 5
Fullerton	3287																		

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

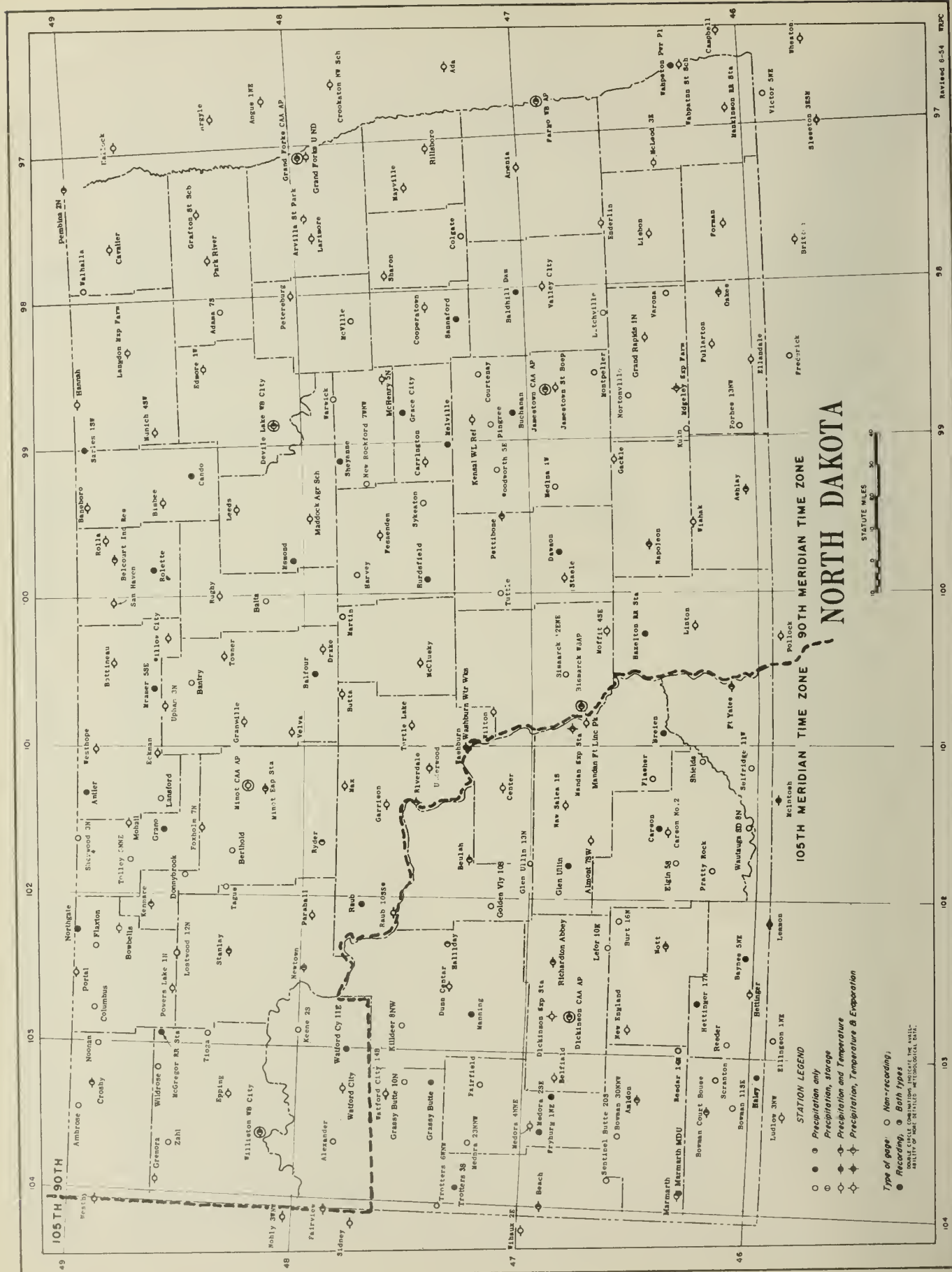
Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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NWRC, Asheville, N. C. -- 11-2-55 -- 880



NORTH DAKOTA

STATION LEGEND
● Precipitation only
○ Precipitation, storage
◆ Precipitation and Temperature
◆ Precipitation, Temperature & Evaporation

Type of gauge: ○ Non-recording,
● Recording, ● Bath types

NOTE: STATION LOCATIONS ARE BASED ON THE 1950 U.S. MAP OF NORTH DAKOTA, 1:250,000.

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UNNT
C.2

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

OCTOBER 1955

Volume LXIV No. 10



NORTH DAKOTA - OCTOBER 1955

WEATHER SUMMARY

October was a very pleasant month. Mild temperatures, abundant sunshine, and only half the normal amount of rain made October an excellent month for outdoor work and for livestock.

The many mild days were separated by a few cool days to add variety to the weather. The 3rd to 5th, 8th to 11th, and 25th and 26th were unusually mild, with temperatures averaging 10 degrees to 12 degrees warmer than normal. Most stations registered their warmest temperatures during the period 9th to 11th. Maximums on those dates ranged from the upper 70's in the extreme northeast counties to the low 90's over several southeast and south central counties and a few west central stations. The highest temperature for the month was 93 degrees at Forman on the 10th. The coolest temperatures occurred on the 24th and near the end of the month. The lowest minimum was eight degrees at Belcourt Indian Reservation, Edmore, and Willow City on the 24th. Monthly mean temperatures ranged from 41.7 degrees at Munich to 51.4 degrees at Fort Yates. The average for the State, 47.3 degrees was 3.3 degrees above normal.

Light scattered showers fell over the east on the 6th, over the east and north on the 11th, and over most of the State on the 27th. Snow fell over most of the State on the 31st. Amounts ranged from a few flakes over the south to several inches in the northwest. Tioga 1 E received the most snow, 7.1 inches. The greatest monthly rainfall total, 2.31 inches, occurred at Walhalla. A few other stations in the northeastern part of North Dakota and at scattered areas in the central, west central, and northwest received over an inch of rain during the month. Most southern counties received less than 0.50 inch and many received less than 0.25 inch during the month. Forman, Nortonville, and Wishek received no rain or snow during October. The average for the State was 0.52 inch or exactly half of normal.

October was a sunshiny month. Bismarck registered uninterrupted sunshine on nine days. Devils Lake registered more hours of sunshine than in any October of record. High winds occurred over the Bismarck area on the 11th and over the Fargo area on the 9th, 28th, and 29th. Winds reached 56 miles per hour at Hector Field at Fargo on the 29th. The high winds toppled a new 80-foot concrete block wall in Fargo on the 11th.

The many mild sunshiny days of October were favorable for the completion of harvest and for livestock. The soil was too dry for plowing, and tillage operations were delayed; but the dry weather permitted corn picking, potato digging, and sugar beet lifting to be practically completed by the end of the month. Pasture and range conditions were not so good as in most Octobers but the livestock were getting much feed from stubble and corn fields. Supplies of hay, fodder, silage, and feed grains were ample and livestock continued in good condition. Stock water supplies were short in some western localities.

Numerous prairie fires occurred during October, especially in the southwestern part of the State. Losses from the fires were not great.

Lucius W. Dye

SUPPLEMENTAL DATA

NORTH OAKOTA
OCTOBER 1955

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
BISMARCK WB AIRPORT	WNW	15	10.6	42	NW	11	68	79	40	46	6	0	1	0	0	0	7	80	4.3
DEVILS LAKE WB CITY	-	-	8.7	34	NW	11	-	-	-	-	5	2	4	0	0	0	11	79	4.1
FARGO WB AIRPORT	S	16	16.1	56	N	29	68	75	45	46	5	3	2	0	0	0	10	70	4.8
WILLISTON WB CITY	-	-	6.9	28	NW	24	-	73	46	40	1	1	2	0	0	0	4	67	6.0

COMPARATIVE DATA

OCTOBER

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall		Average	Highest	Lowest	Average	Average snowfall
1892	47.2	95	7	0.58	T	1917	34.7	82	-4	0.78	6.4	1942	46.5	90	-3	0.46	1.8
1893	40.6	79	0	1.05	0.9	1918	46.2	90	-4	0.53	0.8	1943	48.2	89	10	0.76	2.8
1894	43.0	77	16	1.66	0	1919	33.5	84	-18	1.14	9.3	1944	48.7	84	11	0.12	T
1895	40.5	85	-12	0.24	0	1920	49.3	95	6	0.55	0.1	1945	45.1	89	6	0.37	T
1896	40.2	88	5	0.69	0	1921	47.3	88	16	0.66	T	1946	40.1	91	2	2.23	8.5
1897	45.9	93	6	0.77	0.8	1922	45.7	98	-8	0.58	2.3	1947	51.2	97	15	1.31	0.9
1898	38.8	84	8	2.23	4.7	1923	44.0	84	-8	0.89	0.5	1948	46.4	85	-1	0.97	T
1899	42.1	86	7	1.17	1.3	1924	50.3	86	-19	2.42	0.3	1949	43.5	91	8	2.55	1.4
1900	48.2	87	14	1.54	T	1925	33.3	66	-16	0.81	3.7	1950	46.9	88	17	0.63	3.1
1901	47.5	88	11	1.61	T	1926	42.6	85	4	1.36	1.0	1951	42.1	87	2	1.04	3.0
1902	43.7	87	10	1.28	0.7	1927	47.0	88	12	1.33	1.0	1952	43.2	80	2	0.10	0.1
1903	47.0	81	11	0.94	0.2	1928	43.5	85	3	0.46	0.6	1953	51.9	97	12	1.10	T
1904	46.6	87	10	0.90	T	1929	46.8	88	10	1.86	5.1	1954	44.0	83	10	0.61	1.2
1905	40.3	93	0	0.36	1.2	1930	40.8	86	0	1.81	0.3	1955	47.3	93	8	0.52	1.2
1906	45.0	89	0	0.49	1.4	1931	47.7	90	10	1.39	0.2						
1907	44.4	88	4	0.61	0.2	1932	38.3	90	-3	2.27	9.1						
1908	43.0	86	8	1.63	0.7	1933	41.5	88	5	0.54	1.7						
1909	43.1	97	0	0.65	0.9	1934	49.0	94	5	1.01	0.1						
1910	48.2	95	0	0.51	0.1	1935	43.5	86	-10	0.16	0.7						
1911	42.5	86	-10	1.24	0.5	1936	42.3	90	-5	0.21	1.1						
1912	44.4	90	0	1.07	3.5	1937	43.9	94	1	0.80	0.2						
1913	39.3	90	-2	1.59	0.7	1938	50.9	95	4	0.55	1.1						
1914	50.0	97	0	0.93	T	1939	41.3	84	-4	0.75	1.2						
1915	46.6	87	10	1.09	0.2	1940	50.7	89	18	1.56	T						
1916	40.0	85	-2	0.70	2.0	1941	44.5	81	0	1.32	2.0						

AVERAGES FOR THE PERIOD 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature										Precipitation																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
											90° or Above	32° or Below	32° or Below	0° or Below					Total	Max. Depth on Ground	Date	.16 or More	.50 or More	1.00 or More																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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CLIMATOLOGICAL DATA

NORTH DAKOTA
OCTOBER 1955

TABLE 2 - CONTINUED

Station		Temperature											Precipitation												
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days			
											90° or 32° or Below	32° or Below	0° or Below	Total					Max. Depth on Ground	Date	16 or More	50 or More	100 or More		
MUNICH 4 SW		56.1	27.3M	41.7M		80	10	10	24	715	0	1	23	0	1.28		0.71	5							
OAKES	AM	63.1	31.4	47.3	1.3	89	11	9	24	548	0	0	15	0	0.12	- 1.19	0.06	12	0.0	2	31	4	1	0	0
PARK RIVER		61.1	34.8	48.0	4.3	82	10	16	24	522	0	0	16	0	1.13	- 0.05	0.73	5							
PEMBINA 2 N		59.9	32.0M	46.0M	4.4	75	9+			589	0	0	0	0	1.89	0.69	1.40	5							
PETERSBURG		59.6	33.1	46.4		62	9+	12	24	573	0	0	16	0	1.36	0.19	0.62	5	1.0	1	31	5	1	0	
SHARON		60.7	34.1	47.2	3.6	84	10	10	24	548	0	0	13	0	0.24	- 1.05	0.12	28	T		31	2	0	0	
VALLEY CITY		63.4	34.9	49.4	4.3	85	10	10	24	478	0	0	10	0	0.18	- 1.14	0.09	12+	0.0	0		0	0	0	
WAHPETON STATE SCHOOL		64.9	35.5	50.2	3.2	87	10	12	24	457	0	0	10	0	0.41	- 1.03	0.21	12	T	0		2	0	0	
DIVISION				47.5	3.1										0.56	- 0.72			0.6						
MIDDLE DIVISION																									
ASHLEY		63.8	32.7	48.0	3.6	92	10	12	24	522	1	0	18	0	0.14	- 0.92	0.14	28	0.0	0		1	0	0	
BELCOURT INDIAN RES		56.2	29.6	42.9		80	10	8	24	679	0	0	19	0	0.67	- 0.67	0.20	31	2.0	2	31	3	0	0	
BISBEE		57.5	32.1	44.8	1.0	81	10	17	24	619	0	0	18	0	1.11	- 0.12	0.46	5	2.0	2	31	3	0	0	
BISMARCK WR AP		63.6	33.5	48.6	2.9	88	10	17	24	501	0	0	15	0	0.26	- 0.74	0.26	27	0.1	T	27	1	0	0	
ROTTINEAU	AM	56.9M	31.8M	45.4M	4.0	80	11	11	24	603	0	0	17	0											
BUTTE	AM	60.9	33.3	47.1	2.3	85	11	16	24	549	0	0	15	0	0.44	- 0.53	0.20	31	2.0	2	31	2	0	0	
CARSON NO 2	AM	63.8	34.7	49.3	4.8	86	10	18	30	482	0	0	13	0	0.17	- 0.74	0.17	28	0.0	0		1	0	0	
CENTER		62.5	30.2M	46.4M	1.1	86	9	10	24	577	0	0	18	0	0.51	- 0.40	0.17	27	0.5	T	31	2	0	0	
ORAKE	AM	63.1M	32.4M	47.8M	4.7	86	11	18	24	524	0	0	19	0	0.73	- 0.31	0.33	28		0		3	0	0	
ECKMAN 2 SE	AM	61.5	27.7	44.6	2.4	84	11	13	24	625	0	0	23	0	0.55	- 0.29	0.20	28				2	0	0	
FESSENOFN		61.6M	32.6M	47.1M	3.8	90	10	11	24	549	1	0	0	0	0.36	- 0.70	0.20	28	T	T	31	2	0	0	
FORT YATES		67.1	35.6	51.4	4.7	91	10	17	24	420	1	0	14	0	0.33	- 0.66	0.33	28	0.0	0		1	0	0	
FOXHOLM 7 N		63.1	33.0	48.1	5.2	86	10	12	24+	517	0	0	13	0	0.51	- 0.37	0.17	27		2	31	3	0	0	
GARRISON	AM	61.3	32.0	46.7	3.5	84	11	18	24+	561	0	0	15	0	0.61	- 0.25	0.35	31	3.5	3	31	2	0	0	
GRANVILLE		61.2	32.5	46.9	3.3	89	10	14	24	554	0	0	16	0	0.52	- 0.32	0.22	31	2.0	1	31	2	0	0	
HANSBORO		57.6M	31.7M	44.7M	3.4	81	10	15	24	623	0	0	1	0	0.84	- 0.20	0.35	6	2.5	2	31	3	0	0	
LEOS		59.1	31.3	45.2		84	10	11	30	605	0	0	17	0	0.98	- 0.22	0.30	6	4.0	4	31	4	0	0	
LINTON		65.1	31.9M	48.5M	3.0	91	10	11	24	505	1	0	19	0	0.22	- 0.82	0.18	27		T		1	0	0	
MADDOCK AGR SCHOOL		59.9	31.2	45.6	2.1	83	10	12	24	596	0	0	18	0	1.08	- 0.10	0.72	5		2	31	3	1	0	
MANOAN EXP STATION	AM	63.1	34.6	48.9	4.2	86	10	16	24	496	0	0	13	0	0.22	- 0.68	0.22	28	T	T	31	1	0	0	
MANOAN FT LINCOLN PARK		64.6	32.9	48.8		88	10	18	24+	495	0	0	15	0	0.34	- 0.34	0.23	28		T	27+	2	0	0	
MAX	AM	60.4	31.9	46.2	3.3	84	11	15	24	579	0	0	18	0	0.75	- 0.05	0.37	31	3.0	3	31	2	0	0	
MC CLUSKY		60.7	33.2	47.0	3.6	88	10	16	24	555	0	0	15	0	0.98	- 0.01	0.44	5	0.5	0		4	0	0	
MINOT CAA AP		60.0	33.6	46.8	3.0	85	10	19	23+	557	0	0	14	0	0.38	- 0.53	0.18	27	1.6	1	31	2	0	0	
MINOT EXP STATION	AM	60.4	33.9	47.0		83	11	18	24	549	0	0	12	0	0.42	- 0.42	0.21	28	3.0	3	31	2	0	0	
MOFFITT 4 SE		64.3	31.4M	47.9M		90	10	11	24	540	1	0	18	0	0.38	- 0.38	0.35	28	0.5	0		1	0	0	
MOHALL		62.8M	32.4	47.6M	5.4	84	10	18	24+	525	0	0	16	0	0.57	- 0.47	0.20	27		1	31	3	0	0	
NAPOLEON		62.3	33.1	47.7	3.6	91	10	12	24	535	1	0	15	0	0.48	- 0.61	0.39	28	0.0	0		1	0	0	
NEW SALEM 1 S		63.0	34.8	48.9	3.8	85	9+			493	0	0	15	0	0.15	- 0.70	0.10	27	T	0		1	0	0	
PETITBONE		62.3	32.4	47.4	4.8	91	10	12	24	545	1	0	17	0	0.46	- 0.53	0.43	28	3.0	0		1	0	0	
RIVEROALE	AM	61.1	35.6	48.4		85	11	19	24	509	0	0	11	0	0.69	- 0.69	0.26	31	3.0	3	31	3	0	0	
ROLLA		56.4	33.1M	44.8M	2.3	80	10	19	24	630	0	0	1	0	0.75	- 0.22	0.21	31	2.0	2	31	3	0	0	
RUGBY		61.2	33.0	47.1		85	10	15	24	548	0	0	17	0	0.82	- 0.07	0.33	28	3.0	1	31	3	0	0	
SAN HAVEN		57.1	35.4M	46.3M	4.7	80	10	15	24	575	0	0	12	0	0.61	- 0.25	0.16	31	1.7	1	31	4	0	0	
STEELE		64.1	31.4	47.8	3.7	90	10	13	24	529	1	0	19	0	0.35	- 0.77	0.32	28	T	0		1	0	0	
TOWNER		61.9	31.2	46.6	3.1	86	10	13	24	572	0	0	20	0	0.65	- 0.24	0.35	28	3.0	0		2	0	0	
TURTLE LAKE		62.8	33.3	48.1	4.0	84	9+			516	0	0	15	0	0.96	- 0.12	0.43	5	4.0	4	31	3	0	0	
UNDERWOOD	AM	62.6	31.4	47.0	2.0	87	9	18	24+	550	0	0	22	0	1.01	- 0.18	0.36	31	1.5	5	31	3	0	0	
UPHAM 3 N		62.5	29.3	45.9		84	10	10	24	585	0	0	20	0	0.57	- 0.57	0.17	28	3.0	2	31	3	0	0	
VELVA		61.7	33.0	47.4	3.1	86	10	11	24	538	0	0	15	0	0.62	- 0.33	0.27	27	0.0	0		3	0	0	
WASHBURN		63.1M	32.9M	48.0M	3.0	86	9	17	24	517	0	0	0	0	0.24	- 0.68	0.18	27	0.0	0		1	0	0	
WESTHOPE		58.7	29.3	44.0	1.4	81	9	15	24	641	0	0	12	0	0.65	- 0.15	0.26	6	1.5	2	31	3	0	0	
WILLOW CITY		59.9M	27.6M	43.8M	2.3	84	10	8	24	651	0	0	22	0	0.62	- 0.17	0.20	27		2	31	3	0	0	
WILTON		60.7M	32.7M	46.7M	1.8	84	9+	16	24	556	0	0	0	0	0.74	- 0.21	0.38	31		2	31	3	0	0	
WISHEK		64.0M	30.7M	47.4M	3.4	92	10	11	24	550	1	0	19	0	0.00	- 0.93	0.00		0.0	0		0	0	0	
DIVISION				46.9	3.2										0.56	- 0.42			1.5						
WESTERN DIVISION																									
ALMONT 7 SW		63.8	36.2	50.0		85	9+	20	30	458	0	0	11	0	0.22	- 0.70	0.10	27	T	0		1	0	0	
AMION	AM	64.0	34.0	49.0	4.0	87	10	19	23	492	0	0													

DAILY PRECIPITATION

NORTH DAKOTA
OCTOBER 1955

Table 3

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ADAMS 7 S	.53			.08	.15																											.26		
ALEXANDER	.63											.07																	.18			.38		
ALMONT 7 SW	.22	.04				.04						.03																	.10	.01		.10		
AMBROSE 3 N	.68											.06									.03								.16			.43		
AMENIA	.22							.02					.20																					
AMIDON	.27				T								T																	.23		.04		
ARVILLA STATE PARK	.37	.03		.07	T								.14																			.13		
ASHLEY	.14			T	T								T																	.14				
BALTA	.65				T	.11						.05																		.27		.22		
BANTRY	.47												.17																	.23		.07		
BEACH	.38						.05						.02																	.25	T	.06		
BELCOURT INDIAN RES	.67	T			.04		.16					.05								.01									.12	.09		.20		
BELFIELD	.40			T								.04																	.23		.02	T		
BERTHOLO	.53	.01										.05																	.22			.25		
BEULAH	.52					.26																								.06		.20		
BISBEE	1.11			.02		.46	.09																						.25			.29		
BISMARCK WB AP	.26				T	T	T					T																	.26			T		
BISMARCK 12 ENE	.26				T	T															.01									.20		.06		
BOTTINEAU	-	.10		T		.05	.02	.03					.07																	.08		-		
BOWBELLS	1.07	.06				.03															T									.28		.70		
BOWMAN COURT HOUSE	.12				T							T																		.12				
BOWMAN 11 SE	.26											.03																		.23				
BOWMAN 30 NNW	.18																														.18			
BURT 16 N	.23																													.18				
BUTTE	.44	T			T	.05																								.19	.05	.20		
CARRINGTON	.39	.02					T						.14																		.23			
CARSON NO 2	.17																																	
CAVALIER	1.68			.10	T	1.23							.06	T						T		.05								.17		T		
CENTER	.51	.07			T	.14																								.01		.07		
COLGATE	.02																																	
COLUMBUS	.63												.03																	.23	.17	.20		
COOPERSTOWN	.41					T	.03						.12																	.21		.05		
COURTENAY	.25																														.25		T	
CROSBY	.95												.03																	.22		.70		
DEVILS LAKE WB CITY	.91		T		T	.38	.13						.10								T	T			T				.07	.01		.22		
DICKINSON CAA AP	.24				T							.01									T								.17	T	T	.04		
DICKINSON EXP STATION	.18				T								.01																	.12	.02	.03		
DONNYBROOK	.42																																.41	
ORAKE	.73	.02			.03	.09		.01					.12									.01								.33		.13		
DUNN CENTER 2 SW	.60												.10																	.14	.10	.26		
ECKMAN 2 SE	.55	.08						T					.07								.02									.20		.18		
EDGELEY EXR FARM	.06																													.10		T		
EDMORE 1 W	1.33	T		.03	T	.87	T						.11	T		T				T										.06		.22		
ELGIN 5 S	.15				T	T						T																			.15			
ELLENOALE	.03	T			T								T																		.03			
ENDERLIN	.12													.12																				
EPPING	.68																													.26	T	T	T	
FAIRFIELD	.35							T																						.18	T		.17	
FARGO WB AR	.34			T	T		.13	.04					.10	.06	T															.01		T		
FESSENDEN	.36												.06																		.20		.10	
FLASHER	.36																																	
FLAXTON	.91	.01	T		T	.06	.01						T																		.36			
FORBES 13 NW	.07																														.24			
FORMAN	.00												T																		.07			
FORT YATES	.33																															.33		
FOXHOLM 7 N	.51						T						.13																		.17	.06	.15	
FULLERTON	.21																															.06		
GACKLE	.15																															.15		
GARRISON	.61	T				.01							T																		.25		.35	
GLEN ULLIN 13 N	.21																													.21				
GOLDEN VALLEY 10 S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GRAFTON	1.01			.02	.04		.47	T					.11	T																.17		.20		
GRAND FORKS CAA AP	.59	.07	.02	.06	T	.15	.03	.02				T	.08	T							T									.05		.11		
GRAND FORKS UNIVERSITY	.92	.14		.07	.01	.31		.08					.19	T																				

DAILY PRECIPITATION

Table 3-Continued

NORTH OAKDA
OCTOBER 1955

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NEW ROCKFORD 7 WNW	.53												.13																.33		.07	*		
NEW SALEM 1 S	.15											T																.10	.05	T		*		
NFWTOWN	.41				T							T																.11	.01		.29	*		
NOONAN	1.05																											.42		.05		.58	*	
NORTONVILLE	.00																																*	
OAKES	.12			.04	T	T							.06																.02			*		
PARK RIVER	1.13			T	.05	.73							.10																.10	.02		.15	*	
PARSHALL	.58	.04				T						.04																.16	.02		.30	*		
PEMBINA 2 N	1.89	.01		.13		1.40							.04						.15									.12		.04	*			
PETERSBURG	1.36				.12	.62	.04						.32															.16			.10	*		
PETTIBONE	.46												T																.43		.03	*		
PINGREE	1.19		.01										.75																.43		T	*		
PORTAL	.85	.08			T	T															T								.22		.55	*		
POWERS LAKE 1 N	.58																												.14		.44	*		
PRETTY ROCK	.27	T			T							T									T							.20	.07	T		*		
RAUB 10 SSW	.50				.05																								.12	.02		.31	*	
REEGER	.37					.01																							.33		.03		*	
REEGER 14 N	.16																												.16		T		*	
RICHAROTON ABBEY	.28				T	.05						.03																	.11	.06		.03	*	
RIVEROALE	.69	T				.21							.01																.21			.26	*	
ROLLA	.75	.02		.02	.01	.05	.17					T	.04							T	.03								.20		.21	*		
RUGBY	.82	.01				.03	.17						.06																.33		.22	*		
RYDER	.62												.02																.21		.39	*		
SAN HAVEN	.61		.03	.01	.13	.13						.01									.03								T	.11		.16	*	
SCRANTON	.18				T							T																	.18		T		*	
SELFRIEDGE 11 W	.50																												.50	T		*		
SENTINEL BUTTE 20 S	.25																												.20	.05	T	*		
SHARON	.24			.02	T	T	T						.10																.12		T	*		
SHERWOOD 3 N	.55	.02			T							.02										.04							.06	.03	.38	*		
SHIELDS	.16																												.16			*		
STANLEY	.17				T							T																	.17			*		
STEELE	.35				T							.03	T	T															.32		T	*		
STKESTON	.10				T	T							.10																T			*		
TAGUS	.59																												.06		.32	*		
TIOGA 1 E	.46	T						T					.05	T								T							.15	.08		.23	*	
TOLLEY 3 NE	.38	.15			T																									.15		.08	*	
TOWNER	.65												.08																	.35		.22	*	
TROTTERS 6 SE	.36					T							T																.22			.14	*	
TURTLE LAKE	.96				T	.43							.06																.11	.05		.31	*	
TUTTLE	.41			.07									.02																	.25		.07	*	
UNOERWOOD	1.01					.35		.02					.05																.23		.36	*		
UPHAM 3 N	.57	.05			T		.12						.05	.01							T								.01	.17		.16	*	
VALLEY CITY	.18												.09																	.09		T	*	
VELVA	.62	.03			T		.02						.04																.27		.26	*		
VERONA	.07												.05																	.02			*	
WAHPETON STATE SCHOOL	.41			.10		.02	.02	.06						.21	T																	T	*	
WALHALLA	2.31			.12	T	1.90															.11								.12		.06	*		
WARWICK	.48				T																									.36		.12	*	
WASHBURN	.24				T																								.18	.06			*	
WATAUGA 5 OAK 8 N	.03																												.03			T	*	
WATFORD CITY	1.01												.03																.40			.58	*	
WATFORD CITY 14 S	.62	.03											.01																.28	T		.30	*	
WESTHOPE	.65				T		.26						.09									.03							.17		.10	*		
WILOROSE	.71												.10																.19	.02		.40	*	
WILLISTON WB CITY	.41	R//											.07																.06			.12	*	
WILLOW CITY	.62	.01			T	.01	.17						.06																.20	.02		.15	*	
WILTON	.74				.04								.02																.16	.14		.38	*	
WISHEK	.00																																*	
WOODWORTH 5 E	.35																														.35		T	*
ZAHL	.48												.05								T	.01							.08			.34	*	

DAILY TEMPERATURES

NORTH DAKOTA
OCTOBER 1955

Table 5

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALMONT 7 SW	MAX	59	67	79	75	67	57	59	83	85	85	69	60	60	68	62	59	65	65	56	56	67	65	44	67	77	81	57	51	47	46	41	63.8	
	MIN	28	40	44	56	46	43	31	37	42	43	47	37	37	37	44	25	35	32	36	28	34	40	25	23	46	47	37	27	31	20	28	36.2	
AMENIA	MAX	60	62	79	72	74	66	62	71	83	87	80	66	60	57	63	55	65	58	58	53	61	72	65	52	75	80	66	53	48	44	36	64.0	
	MIN	36	27	51	48	62	39	36	25	35	39	54	40	38	28	24	38	28	30	29	36	21	40	32	14	34	35	28	36	29	26	28	34.4	
AMLOON	MAX	58	59	66	77	84	61	55	63	82	87	86	54	58	60	75	60	62	66	71	57	57	69	57	59	70	75	73	41	48	46	47	64.0	
	MIN	26	33	39	52	44	41	28	43	42	44	48	27	30	34	38	29	31	35	33	25	33	38	19	27	38	40	38	25	23	24	28	34.0	
ARVILLA STATE PARK	MAX	55	60	69	68	68	61	60	73	85	85	78	63	57	59	63	63	60	59	53	50	62	69	56	50	67	79	58	48	45	42	36	61.3	
	MIN	34	20	46	50	58	46	35	27	34	38	52	39	40	25	24	31	18	21	26	38	23	33	30	13	33	30	33	33	27	24	27	32.5	
ASHLEY	MAX	58	66	81	71	71	60	59	77	87	92	69	60	61	64	54	63	67	60	65	62	61	67	49	63	76	80	55	48	47	45	41	63.8	
	MIN	33	31	54	50	54	42	29	35	33	38	50	32	32	21	35	21	19	20	34	31	23	46	27	12	42	31	31	30	21	17	25	32.2	
BEACH	MAX	59	57	68	79	84	65	57	64	77	88	89	59	60	62	78	59	63	64	76	58	58	72	56	47	72	77	72	41	48	45	48	64.6	
	MIN	20	25	32	42	41	40	21	29	41	36	41	26	34	28	38	21	31	38	31	30	35	36	17	21	33	38	39	25	23	22	28	31.0	
BELCOURT INDIAN RES	MAX	47	53	63	63	67	56	56	71	76	80	67	58	56	59	54	53	56	54	45	41	63	62	37	51	65	72	53	46	47	41	31	56.2	
	MIN	27	18	35	43	49	42	29	34	32	46	33	37	33	23	26	26	20	21	27	32	22	30	27	8	34	36	35	24	23	19	26	29.6	
BELFIELD	MAX	57	66	73	78	62	58	63	78	90	91	69	59	62	78	60	62	67	78	57	58	69	56	46	65	78	76	48	44	44	47	40	63.8	
	MIN	22	35	40	51	41	40	22	32	33	35	41	25	31	24	24	21	29	31	31	27	31	32	16	18	38	37	33	20	23	18	26	29.9	
BEULAH	MAX	57	53	63	73	72	61	55	58	76	84	85	59	57	58	67	59	56	72	64	49	49	66	58	40	65	75	74	47	46	43	43	60.8	
	MIN	27	26	36	39	42	40	25	25	32	33	34	29	29	22	22	23	23	25	30	29	31	32	24	14	19	29	30	23	22	16	16	27.3	
BISBEE	MAX	51	56	65	64	68	57	56	69	76	81	67	58	56	60	53	53	55	58	50	44	64	59	49	53	67	73	58	46	46	39	33	57.5	
	MIN	29	24	39	42	43	43	35	31	39	46	40	32	32	28	29	25	27	28	31	35	24	34	26	17	36	36	38	29	26	22	28	32.1	
BISMARCK WB AP	MAX	57	68	79	72	70	59	60	81	87	88	65	61	63	68	61	57	64	63	57	53	66	67	44	69	77	81	52	49	49	43	43	63.6	
	MIN	32	39	48	50	47	41	30	41	35	40	42	35	35	27	33	29	28	25	38	32	30	34	21	17	42	38	33	30	26	23	26	33.5	
BOTTINEAU	MAX	57	48	56	70	65	65	57	58	72	78	80	66	58	58	64	57	52	58	58	47	46	60	55	39	53	70	71	50	50	48		58.9	
	MIN	30	26	39	46	45	43	29	34	38	44	41	29	33	28	33	24	30	30	34	34	27	28	25	11	23	35	40	29	25	20		31.8	
BOWBELLS	MAX	58	51	62	58	72	66	57	60	72	82	84	58	61	59	68	55	57	58	67	45	50	69	51	38	63	75	75	44	44	45	43	59.6	
	MIN	27	27	42	42	39	42	23	27	42	40	43	29	33	28	37	17	28	30	27	33	26	28	24	16	33	38	35	22	24	20	27	30.6	
BOWMAN COURT HOUSE	MAX	57	65	76	85	75	57	60	80	83	86	75	58	60	73	67	60	65	71	67	57	65	61	45	68	76	73	64	47	44	49	45	65.0	
	MIN	25	35	42	49	48	40	28	35	43	40	40	28	32	29	41	25	33	32	32	29	33	40	19	25	40	34	31	21	21	21	29	32.9	
BUTTE	MAX	59	60	63	70	70	66	58	58	77	82	85	65	58	60	66	56	54	52	61	49	50	65	65	40	63	75	76	50	47	46	42	60.9	
	MIN	28	26	27	46	45	43	32	37	40	38	46	37	41	27	39	24	32	33	33	35	30	38	28	16	29	44	38	29	25	19	26	33.3	
CARRINGTON	MAX	58	59	60	73	67	68	58	59	75	85	85	68	58	58	63	61	60	59	60	55	47	65	67	46	59	75	82	53	47	47	48	62.1	
	MIN	31	26	47	44	52	41	29	30	35	41	45	34	35	26	28	27	25	24	28	34	26	30	25	12	21	42	37	33	25	21	25	31.6	
CARSON NO 2	MAX	60	58	66	77	77	66	56	60	83	86	85	61	59	65	64	69	58	66	64	56	58	67	65	45	65	73	78	49	50	45	47	63.8	
	MIN	30	35	45	53	46	43	29	38	40	45	50	32	35	33	34	27	32	33	37	29	33	42	25	19	31	41	37	26	31	18	28	34.7	
CAVALIER	MAX	54	56	61	68	68	61	60	68	77	78	71	61	56	55	58	53	54	54	50	49	62	65	50	48	63	75	60	48	48	45	39	35	58.1
	MIN	36	26	44	48	55	47	39	31	42	49	48	41	42	30	29	31	24	26	32	37	26	34	33	19	29	33	39	34	27	25	28	35.0	
CENTER	MAX	55	65	78	74	66	57	59	80	86	85	70	58	60	68	57	58	62	64	53	56	67	64	43	67	68	79	60	52	46	40	40	62.5	
	MIN	28	34	47	45	44	43	28	33	33	35	38	23	33	24	30	24	25	23	35	35	30	31	24	10	32	32	33	26	29	18	25	30.2	
COOPERSTOWN	MAX	54	58	74	70	69	65	60	73	80	85	82	63	58	57	65	62	58	55	51	60	67	61	54	73	81	65	50	46	42	36		62.5	
	MIN	32	27	49	49	59	40	31	33	37	43	52	36	35	25	25		21	23	31	35	25	37	22	11	38	35	36	33	26	23	28	33.2	
CROSBY	MAX	50	62	69	79	66	60	63	72	79	87	76	60	60	73	63	60	58	68	57	58	70	57	41	65	74	74	59	42	46	43	39	62.3	
	MIN	31	28	40	46	40	40	23	28	43	42	41	31	37	29	37	19	28	36	30	33	27	30	20	18	39	36	37	22	23	21	25	31.9	
DEVILS LAKE WB CITY	MAX	50	57	69	66	65	55	57	72	82	84	68	57	57	59																			

DAILY TEMPERATURES

NORTH DAKOTA
OCTOBER 1955

Table 5 - Continued

Station		Day Of Month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
GARRISON	MAX	57	55	64	73	74	66	57	57	75	83	84	62	57	60	67	60	55	61	63	50	50	65	61	42	66	75	74	50	44	47	47	61.3	
	MIN	29	33	38	44	42	42	27	29	34	44	39	32	34	28	33	23	29	31	36	35	35	35	26	18	30	37	38	27	27	18	20	32.0	
GRAFTON	MAX	55	58	63	69	68	65	60	70	79	81	77	67	56	55	60	56	55	54	52	50	61	67	54	47	64	77	69	50	45	41	36	60.0	
	MIN	36	26	46	45	58	45	38	31	42	42	54	42	38	27	30	34	23	27	32	37	26	35	32	16	33	34	41	37	30	27	29	35.3	
GRAND FORKS CAA AP	MAX	53	58	67	71	67	58	59	70	83	83	76	61	55	54	60	53	58	56	52	50	60	66	42	47	65	76	58	48	46	40	34	58.9	
	MIN	29	25	48	52	45	45	36	32	41	42	45	39	36	26	30	27	22	24	31	32	28	36	20	12	35	36	34	26	26	25	32.6		
GRAND FORKS UNIVERSITY	MAX	54	58	63	70	68	58	59	69	81	82	78	60	56	54	60	52	58	55	53	50	59	68	43	46	65	76	65	48	46	40	35	59.0	
	MIN	38	26	47	51	57	43	37	31	41	43	57	40	36	26	29	35	23	25	31	40	28	39	28	14	34	36	35	36	26	26	25	34.9	
GRAND RAPIDS 1 N	MAX	59	65	81	74	74	68	62	76	85	89	78	63	61	63	67	62	63	60	61	53	61	73	63	60	79	78	60	50	48	46	38	65.2	
	MIN	34	28	52	48	61	42	30	28	34	36	49	36	31	21	25	31	16	20	28	29	18	43	29	9	38	33	28	33	26	21	22	31.6	
GRANVILLE	MAX	52	62	72	70	67	53	62	72	84	89	68	58	61	70	60	58	62	64	50	51	70	62	40	64	69	79	52	50	47	45	33	61.2	
	MIN	30	32	43	47	45	43	25	40	39	38	37	31	38	26	32	21	29	29	34	36	29	34	27	14	38	39	37	26	23	18	28	32.5	
GRENOIRA	MAX	50	67	75	81	73	68	63	72	81	88	86	60	61	76	75	66	65	70	63	52	71	68	44	68	76	73	61	43	45	44	41	65.4	
	MIN	24	29	36	46	31	42	22	38	44	46	44	28	28	33	18	26	34	36	32	34	29	33	17	21	40	41	38	21	22	22	33	31.7	
HANKINSON R R STATION	MAX	61	57	62	78	69	73	58	59	72	79	91	84	62	62	54	61	53	59	56	60	56	60	67	41	55	78	85	62	50	48	45	63.1	
	MIN	34	31	36	48	52	46	33	33	34	37	40	37	34	29	27	29	29	24	28	32	24	32	35	17	18	43	41	37	25	26	21	32.5	
HANNAH	MAX	48	55	63	64	67	57	58	68	74	71	66	57	56	60	52	55	56	45	48	62	62	42	49	63	77	51	44	45	41	33	56.3		
	MIN	26	18	37	43	52	43	28	34	40	38	45	32	23	31	23	25	23	29	31	28	30	22	11	33	35	32	27	22	21	27	30.3		
HANSBORO	MAX	47	55	65	64	66	55	61	73	78	81	64	58	62	55	55	55	58	42	50	30	33	68	40	52	68	80	56	44	46	41	32	57.6	
	MIN	32	24	39	43	51	43	32	29	43	43	39	36	26	28	27	26	26	30	33	30	33	28	19	15	35	38	32	29	24	20	28	31.7	
HETTINGER	MAX	49	62	75	82	58	56	60	82	84	84	70	58	61	69	62	61	66	71	59	53	66	64	45	69	76	76	54	49	42	49	44	63.1	
	MIN	28	36	40	48	42	39	26	33	40	41	44	29	31	29	41	26	30	33	36	31	34	42	23	23	41	37	34	22	24	21	30	33.4	
HILLSBORO	MAX	56	60	74	71	73	68	65	64	80	84	79	68	55	55	62	56	53	60	55	51	60	68	63	49	70	79	68	55	46	42	38	62.2	
	MIN	33	26	49	48	62	40	41	29	35	44	56	40	30	28	24	37	25	28	30	37	25	41	38	12	35	36	34	35	27	28	26	34.5	
JAMESTOWN CAA AP	MAX	57	61	78	69	71	61	60	76	90	86	71	60	60	62	64	57	64	60	59	51	62	69	41	60	76	82	57	49	47	46	34	62.6	
	MIN	32	30	51	48	46	34	30	31	36	39	44	37	34	27	29	28	22	25	31	25	22	37	20	11	43	40	34	29	26	24	25	31.9	
JAMESTOWN STATE HOSP	MAX	58	62	77	70	71	61	60	77	90	89	71	60	59	62	63	53	65	60	58	50	61	70	49	60	76	80	67	49	46	43	33	62.9	
	MIN	32	29	53	52	57	43	31	33	37	41	49	35	37	27	30	31	21	24	32	32	22	43	29	11	40	40	39	33	26	26	27	34.3	
KENMARE	MAX	57	52	61	69	72	65	57	61	73	80	86	59	59	60	68	58	58	59	66	46	48	67	53	38	62	73	74	45	44	45	44	60.0	
	MIN	31	27	45	43	41	42	26	27	42	40	41	32	32	31	38	22	31	28	31	35	30	32	25	18	32	42	38	32	24	23	28	32.2	
KENSAL WILDLIFE REFUGE	MAX	60	62	78	69	74	65	63	79	89	85	73	63	61	64	65	55	67	59	59	53	62	72	54	61	78	85	76	50	49	46	34	64.8	
	MIN	31	23	43	48	56	37	28	30	35	37	46	37	37	20	29	26	19	21	29	26	23	33	19	10	40	41	31	31	25	20	26	30.9	
LANGOON EXP FARM	MAX	50	55	62	63	67	60	60	68	76	75	71	57	58	56	61	56	60	56	50	50	62	63	50	48	64	77	65	47	49	44	35	58.5	
	MIN	28	24	38	44	53	40	29	34	46	42	47	33	31	23	32	25	25	25	30	30	27	33	22	12	32	37	33	29	20	17	27	31.2	
LARIMORE	MAX	55	58	68	69	72	61	61	72	81	83	75	63	56	62	61	53	60	57	52	34	39	68	47	51	68	80	58	48	45	44	34	60.9	
	MIN	29	25	47	49	45	40	40	31	44	44	47	39	39	27	31	32	21	25	28	21	25	13	34	39	41	48	45	33	28	25	28	33.6	
LEEOO	MAX	51	58	70	67	65	58	58	72	81	84	68	57	58	62	57	54	58	60	53	48	60	60	44	57	71	76	58	46	47	42	32	59.1	
	MIN	29	21	44	43	48	45	28	37	36	38	46	32	33	23	29	26	25	21	28	36	25	36	27	15	38	44	33	38	22	11	24	31.3	
LINTON	MAX	60	62	82	69	72	60	62	80	85	91	60	62	63	67	62	57	68	64	68	54	65	70	45	68	79	80	58	54	50	55	45	65.1	
	MIN	30	46	46	55	52	38	29	34	35	39	28	28	33	22	30	27	21	21	30	30	25	42	32	11	33	27	28	30	25	29	29	31.9	
LISBON	MAX	58	60	80	78	72	72	61	73	80	91	90	73	60	58	64	61	64	64	58	56	58	68	67	54	76	79	76	58	48	43	42	65.9	
	MIN	28	22	40	43	62	44	33	30	36	38	58	38	35	24	22	38	20	24	34	36	33	19	43	32	50	30	39	29	35	27	24	18	32.3
LOSTWOOD 12 N	MAX	48	62	70	74	65	58	59	72	80	86	64	57	58	68	66	56	56	67	52	48	68	59	37	63	75	72	56	42	45	43	36	60.59.	

DAILY TEMPERATURES

NORTH DAKOTA
OCTOBER 1955

Table 5-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX	54	64	76	82	70	56	60	80	86	84	66	58	61	73	64	59	65	77	56	54	67	60	45	69	77	77	55	49	45	46	43	63.8
	MIN	29	35	38	50	43	40	26	30	34	39	43	29	31	24	40	25	28	31	32	27	31	36	20	18	42	27	32	21	27	17	29	31.4
NEW SALEM 1 S	MAX	58	67	78	72	66	57	58	81	85	85	68	59	60	68	61	57	63	64	55	53	67	65	44	68	77	79	54	52	47	43	42	63.0
	MIN	30	34	45	46	47	42	30	37	44	48	45	32	35	32	36	28	33	30	37	28	32	31	24	22	42	43	34	28	30	29	26	34.8
NEWTOWN	MAX	54	65	74	77	68	62	62	73	85	84	73	59	61	72	60	56	62	70	59	50	70	60	42	68	78	72	66	44	44	44	39	63.0
	MIN	28	34	40	50	42	45	27	36	35	39	42	29	34	25	38	23	30	30	38	35	31	33	23	15	35	34	38	22	33	20	28	32.7
OAKES	MAX	58	58	65	81	71	72	60	59	73	79	89	80	62	61	60	66	54	66	58	54	50	59	70	43	57	78	76	60	50	42	45	63.1
	MIN	34	32	46	52	59	43	34	27	37	39	45	37	35	25	25	34	21	24	26	34	21	24	34	9	12	34	25	35	25	21	23	31.4
PARK RIVER	MAX	56	58	65	68	68	63	59	70	80	82	78	64	58	57	61	59	51	57	55	52	62	67	62	50	66	80	70	53	46	43	35	61.1
	MIN	28	28	43	44	56	47	37	34	45	46	46	48	41	28	28	30	26	27	29	37	29	29	30	16	31	36	42	34	30	26	29	34.8
PARSHALL	MAX	55	64	74	76	68	57	60	75	86	86	72	59	60	71	60	58	61	68	57	50	68	60	43	68	78	75	53	45	47	44	38	62.5
	MIN	25	30	35	39	38	38	20	36	33	34	36	26	27	24	30	28	25	29	37	36	30	31	20	14	33	30	37	20	32	18	28	29.6
PEMBINA 2 N	MAX	50	56	63	67	67	62	60	69	75	75	74	71	57	55	61	61	55	55	49	60	61	61	46	63	75	74	52	48	49	48	38	59.9
	MIN	32	42	45	45	50	45	38	34	39	37	48	31	32	24	28	24	23	25	32	26	31	29	17	63	34	34	34	25	21	23	23	32.0
PETERSBURG	MAX	56	56	68	68	68	63	63	64	82	82	69	60	57	57	61	53	58	55	50	50	60	66	52	50	67	79	63	54	43	40	33	59.6
	MIN	31	27	46	45	57	41	41	30	43	51	49	34	33	23	32	27	22	24	23	35	27	36	26	12	36	39	35	31	23	21	26	33.1
PETTIBONE	MAX	57	60	74	68	67	61	59	75	87	91	78	58	58	63	58	53	61	60	55	49	63	66	50	60	75	81	66	52	46	43	37	62.3
	MIN	31	31	47	48	47	40	29	34	43	46	46	32	29	23	34	27	20	25	33	27	26	33	30	12	33	38	39	30	24	20	26	32.4
PORTAL	MAX	58	47	62	68	74	66	57	61	71	82	87	56	60	63	71	53	59	58	69	43	49	72	48	37	66	74	77	44	45	45	43	60.2
	MIN	28	28	37	42	39	41	24	39	44	43	39	29	35	30	38	19	28	34	28	33	30	29	23	18	32	40	34	22	27	21	27	31.6
POWERS LAKE 1 N	MAX	51	62	72	76	65	56	60	72	80	86	60	59	59	70	54	57	68	68	52	54	70	47	48	75	73	54	42	41	41	42	60.5	
	MIN	23	24	36	46	36	42	16	34	33	40	33	22	26	21	21	23	24	23	35	25	23	30	19	32	33	36	17	25	16	17	27.7	
RAUB 10 SSW	MAX	55	65	74	77	65	58	60		84	85	63	59	70	60		56	62	68	52	52	68	57	43	69	79	76	55	49	46	45	62.6	
	MIN	39	44	53	45	46	40	30		41	45	43	33	35	37		28	34	36	36	34	36	37	29	25	43	40	40	28	33	27	36.7	
RICHAOTON ABBEY	MAX	55	64	76	79	73	56	60	79	86	84	74	58	59	70	61	58	60	69	63	53	67	62	44	67	76	77	64	48	43	44	41	63.5
	MIN	27	38	43	54	46	43	28	37	44	47	45	32	35	31	42	29	31	34	39	33	33	39	24	22	44	44	36	27	31	19	27	35.6
RIVEROALE	MAX	58	53	64	73	74	64	56	58	74	83	85	60	58	59	67	58	56	60	63	51	51	65	60	42	65	75	77	50	47	46	43	61.1
	MIN	37	36	42	51	50	45	36	39	41	43	47	40	40	28	35	30	31	31	35	32	33	37	28	19	29	41	42	33	32	21	21	35.6
ROLLA	MAX	47	54	63	63	68	55	57	69	75	80	64	58	56	60	54	58	57	55	44	43	63	60	41	52	65	73	54	45	46	41	32	56.4
	MIN	29	25	37	42	50	43	36	32		46	42	38	42	30	29	24	27	28	32	34	25	36	24	19	38	44	35	29	25	24	24	33.1
RUGBY	MAX	55	59	71	70	66	63	59	74	82	85	77	58	58	64	61	54	59	59	59	45	65	60	47	56	71	77	68	47	48	44	37	61.2
	MIN	29	28	43	46	47	43	29	36	40	46	42	31	34	26	32	28	30	30	28	37	29	35	28	15	36	39	36	29	25	20	27	33.0
SAN HAVEN	MAX	48	53	68	61	61	58	57	70	76	80	73	57	55	60	50	53	57	57	50	43	64	58	44	50	65	71	61	47	47	41	35	57.1
	MIN	33	29	43	45	50	45	36	36	41	55	48	36	42	34		26	32	30	36	34	26	35	30	15	40	37	38	28	27	28	28	35.4
SHARON	MAX	55	57	73	67	70	59	60	71	83	84	72	59	59	58	62	54	62	57	53	50	59	66	50	52	71	80	60	46	45	41	34	60.3
	MIN	33	32	48	48	58	40	32	35	46	48	44	35	35	25	34	30	23	23	33	35	26	39	26	10	38	36	36	32	25	23	28	34.1
STANLEY	MAX	52	61	73	75	64	55	60	72	82	85	70	58	58	69	60	56	58	67	58	49	68	51	39	62	75	72	55	45	45	41	35	60.3
	MIN	26	28	40	45	39	42	25	35	35	40	40	28	32	25	37	20	26	27	35	32	24	31	17	12	38	40	35	20	30	12	24	30.3
STEELE	MAX	56	65	78	65	68	64	60	75	88	90	76	60	68	65	60	55	63	61	60	53	63	68	53	63	77	82	70	48	47	46	40	64.1
	MIN	26	32	48	45	49	40	27	30	38	40	46	30	30	22	32	25	26	22	35	27	27	36	29	13	37	35	35	30	21	19	22	31.4
TIOGA 1 E	MAX	57	52	64	74	79	65	57	61	72	82	88	56	59	60	76	56	58	60	69	50	47	71	49	41	65	76	72	42	42	50	42	61.0
	MIN	21	27	38	42	36	42	19	25	34	37	42	23	28	29	33	16	28	30	32	34	25	27	16	13	25	40	37	21	24	17	27	28.6
TOWNER	MAX	53	62	71	68	66	60	61	80	82	86	76	60	61	66	68	58	62	63	49	48	67	59	43	60	73	77	59	48	48	45	39	61.9
	MIN	25	31	38	43	43	38	23	42	49	53	38	28	35	24	28	20	30	29	28													

EVAPORATION AND WIND

NORTH OAKOTA
OCTOBER 1955

Table 6

Station		Day of month																																Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
RIVEROALE	EVAP WIND	.11 115	.11 85	.22 168	.24 125	.06 188	.16 157	.15 119	.18 139	.13 47	.19 77	.21 92	.30 213	.19 162	.21 120	.21 124	.16 134	.19 73	.09 107	.14 157	.14 102	.12 73	.05 155	.10 183	.08 149	.16 127	.20 80	.11 65	.06 135	.04 37	.03 57	.02 34	4.36 3599	

SNOWFALL AND SNOW ON GROUND

Table 7

Station		Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	SNOWFALL SN ON GND																																T
AMIOON	SNOWFALL SN ON GND																													T			
BEACH	SNOWFALL SN ON GND																												T				
BELCOURT INOIAN RES	SNOWFALL SN ON GND																															2.0 2	
BEULAH	SNOWFALL SN ON GND																															1.0 T	
BISBEE	SNOWFALL SN ON GND																															2.0 2	
BISMARCK WB AP	SNOWFALL SN ON GND																										0.1	T				T T	
BOTTINEAU	SNOWFALL SN ON GND							T																								- -	
BOWBELLS	SNOWFALL SN ON GND																															7.0 7	
CENTER	SNOWFALL SN ON GND																															0.5 T	
CROSBY	SNOWFALL SN ON GND																															- 6	
DEVILS LAKE WB CITY	SNOWFALL SN ON GND																							T				T	T			3.2 T	
DICKINSON CAA AP	SNOWFALL SN ON GND																											T	T		T	0.2 T	
DUNN CENTER 2 SW	SNOWFALL SN ON GND																															3.0	
EDMORE 1 W	SNOWFALL SN ON GND						T																									3.2 3	
FARGO WB AP	SNOWFALL SN ON GND																															T	
FOXHOLM 7 N	SNOWFALL SN ON GND																															- 2	
GARRISON	SNOWFALL SN ON GND																															3.5 3	
GRAFTON	SNOWFALL SN ON GND																															2.0 2	
GRAND FORKS CAA AP	SNOWFALL SN ON GND																													T		1.1 1	
GRAND FORKS UNI	SNOWFALL SN ON GND																															0.5 1	
GRANVILLE	SNOWFALL SN ON GND																															2.0 1	
HANSBORO	SNOWFALL SN ON GND																															2.5 2	
JAMESTOWN CAA AP	SNOWFALL SN ON GND																											T	T			T	
KILLDEER 8 NW	SNOWFALL SN ON GND																															3.0 2	
MANDAN EXP STATION	SNOWFALL SN ON GND																															T T	
MAYVILLE	SNOWFALL SN ON GND																															0.2 T	
MC CLUSKY	SNOWFALL SN ON GND																															0.5	
MC HENRY 5 N	SNOWFALL SN ON GND																															0.5 T	
MEDORA 3 NNE	SNOWFALL SN ON GND																															T	
MINOT CAA AP	SNOWFALL SN ON GND																															1.6 1	
MINOT EXP STATION	SNOWFALL SN ON GND																															3.0	

See reference notes following Station Index.

Table 7—CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
OCTOBER 1955

OCTOBER 1951

Station		Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MOHALL	SNOWFALL SN ON GND																															- 1
MONTPELIER	SNOWFALL SN ON GND																															T
MOTT	SNOWFALL SN ON GND																													T		
MUNICH 4 SW	SNOWFALL SN ON GND																												T			- 2
PARSHALL	SNOWFALL SN ON GND																															2.0
PETERSBURG	SNOWFALL SN ON GND																															1.0 1
PETTIBONE	SNOWFALL SN ON GND																															3.0
PRETTY ROCK	SNOWFALL SN ON GND																				T							T	T		T	
RICHARDTON ABBEY	SNOWFALL SN ON GND																													0.3		0.2
RIVEROALE	SNOWFALL SN ON GND																															3.0 3
ROLLA	SNOWFALL SN ON GND																															2.0 2
SAN HAVEN	SNOWFALL SN ON GND					T																										1.7 1
SHARON	SNOWFALL SN ON GND																															T T
UPHAM 3 N	SNOWFALL SN ON GND						T																									1.5 2
WAHPETON STATE SCHOOL	SNOWFALL SN ON GND																															T
WESTHOPE	SNOWFALL SN ON GND																															1.5 2
WILLISTON WB CITY	SNOWFALL SN ON GND																														0.5	1.0 1
WILLOW CITY	SNOWFALL SN ON GND																															- 2

STATION INDEX

NORTH DAKOTA
OCTOBER 1955

Station	Index No.	County	Drainage [†]	Latitude	Longitude	Elevation	Temp.	Observer	Refer to tables	Station	Index No.	County	Drainage [†]	Latitude	Longitude	Elevation	Temp.	Observer	Refer to tables
Adams 7 S	0023	Walsh	10 48 20	88 98	1554	SP	Myron J. Beta	3		Herville	5938	Foster	5 47 20	99 02	1625			MID Edgar S. Stogeler	2 3 5 7 C
Alexander	0088	McKenzie	13 47 50	103 28	2200	SP	Arthur J. Bauman	3		Wiot CAA AP	5883	Ward	12 48 15	101 17	1722	MID		MID U.S. Civil Aero Adm	2 3 5 7 C
Almont 7 SW	0136	Morton	4 46 43	97 19	2300	SP	Bogus Rasmussen	2 3 5 7		Wiot Exp. Station	5893	Ward	12 48 10	101 18	1720	8A		8A N.C. Agri. Exp. Sta.	2 3 5 7 C
Albion 5 N	0189	Dunn	12 48 10	103 28	2027	SP	Frank E. Roberts	3		Woffitt 4 SE	6015	Burling	8 46 40	100 14	1760	SP		SP U.S. Fish & W.L. Ser	2 3 5 7
Anesia	0198	Chen	11 47 00	97 13	880	SS	Virgil L. Gebke	2 3 5 7		Woball	6025	Reville	12 48 46	101 31	1839	6P		6P Grover Fulton	2 3 5 7
Amidon	0209	Bottineau	1 48 29	103 19	2910	8A	Adrian R. Waller	2 3 5 7 C		Wontpeller	6105	Stutsman	5 46 42	88 35	1379	8P		8P Rolland	3 7
Antler	0263	Slope	12 48 58	101 20	1540	6P	W.B. Wegner	3 5 7		Wott	6155	Rettinger	1 46 23	102 20	2420	SS		SS Forrest E. Coffing	2 3 5 7 C
Arvilla State Park	0389	Grand Forks	10 47 56	87 30	980	SP	Albert Thoren	2 3 5 7		Wunich 4 SW	6195	Cavallier	1 46 38	98 53	1588	7P		7P Harold Feldner	2 3 5 7 C
Bakley	0382	McIntosh	8 46 02	89 32	2025	SS	Soo Line Agent	2 3 5 7 C		Napoleon	6253	Logan	8 46 29	99 45	1855	6P		6P Ted C. Frank	2 3 5 7 C
Baldhill Dam	0450	Barne	11 47 02	98 10	1300	MID	Corp of Engineers	3		New English	6315	Bettinger	2 46 33	102 52	2621	6P		6P Arnold Selinger	2 3 5 7
Balfour	0492	McBenny	12 47 57	100 32	1615	MID	Raymond E. Weller	3	C	New Rockford 7 NW	6355	Eddy	5 47 43	99 16	1550	6P		6P Richard Gelsbach	3 5 7
Balta	0500	Pierce	11 48 10	100 02	1350	6P	Anton Schmitt	3		New Salem 1 S	6385	Morton	4 46 50	101 25	2163	6P		6P William F. Gaebe	2 3 5 7
Battery	0516	McBenny	12 48 90	100 38	1458	8A	Temple K. Roberts	2 3 5 7		Newton	6385	Mountrail	8 47 59	102 29	1805	6P		6P Edwin A. Vantuch	2 3 5 7
Beach	0580	GoldenValley	7 46 55	104 01	2814	6A	Belien Tobias	2 3 5 7 C		Noonan	6435	Divide	12 48 53	103 01	1860	6P		6P George Kostak	3
Belcourt Indian Res.	0626	Rolette	9 48 50	88 45	1960	7P	Turtile Mt. Ind. Ag.	2 3 5 7 C		Northgate	6535	Burke	12 49 00	102 16	1850	MID		MID D.S. Customs Sta.	3 7 C
Belfield	0639	Stark	4 48 53	103 11	2592	7P	Carl Undergarst	2 3 5 7		Northville	8565	La Moure	5 46 33	98 44	1508	6P		6P Henry L. Erickson	3
Berthold	0729	Ward	12 48 19	101 44	2080	6P	Joseph S. Cox	2 3 5 7 C		Oakes	8620	Dickey	5 46 08	98 45	1322	8A		8A E. Carrie Murray	2 3 5 7 C
Bethel	0766	Mercer	8 47 48	101 47	1780	6A	Mont. Dak. Util. Co.	2 3 5 7		Park River	8657	Walsh	10 48 23	97 45	998	SP		SP Martin Severn	3
Blanes	0796	Towner	2 48 37	99 22	1600	6P	Robert J. Krick	2 3 5 7		Parshall	8667	Mountrail	8 47 57	102 08	1829	6P		6P C. E. Shubert	2 3 5 7
Blismack WB Airport	0819	Burleigh	8 46 46	99 45	1650	MID	U.S. Weather Bureau	2 3 5 7 C		Peshina 2 N	8847	Peshina	10 49 00	97 14	790	4P		4P M.C. Customs & Im.	2 3 5 7
Blismack 12 ENH	0827	Burleigh	8 46 51	100 33	1709	8A	RTT Transmitter	3		Petersburg	7027	Nelson	10 48 01	98 00	1524	5P		5P Rev. Odan Monson	2 3 5 7
Bottineau	0941	Bottineau	12 48 50	102 27	1640	8A	N.D. Sch. of Prstry	2 3 5 7		Pettibone	7047	Kidder	8 47 07	99 31	1855	7P		7P Arthur J. Dekray	2 3 5 7 C
Bowbelle	0961	Burke	12 48 48	102 15	1953	6P	Pelix L. Adams	2 3 5 7		Pingree	7117	Stutsman	12 48 53	103 01	1860	6P		6P Frank Korstein	3
Bowman	0995	Bowman	3 46 11	103 23	2980	SP	O. B. Book	2 3 5 7		Portal	7201	Burke	12 49 00	102 33	1854	9A		9A D.S. Customs Serv.	2 3 5 7
Bowman 11 SE	0998	Bowman	3 46 04	103 19	2810	6P	Bernard L. Donagala	3		Powers Lake 1 N	7281	Burke	8 48 34	102 38	2205	7P		7P Robert J. Clark	2 3 5 7
Bowman 30 NW	1001	Slope	7 46 35	103 31	2505	SP	John B. Hanson	3		Pretty Rock	7311	Grant	1 46 11	101 51	-	6P		6P Freda Leer	3
Buchanan	1027	Bottineau	12 48 10	100 38	1720	6P	Frank E. Putnam	2 3 5 7		Riverdale	7405	McLean	12 47 44	102 04	1885	8A		8A Alvin Larson	2 3 5 7 C
Burt 16 N	1124	Morton	4 46 23	101 48	1572	MID	W. B. Bendrickson	3	C	Rush 10 SW	7408	McLean	8 47 36	102 06	1958	6P		6P Lyle P. Boltan	2 3 5 7
Butte	1216	Bettinger	1 46 36	102 08	2344	6P	Jacob Gruelke	2 3 5 7		Reeder	7450	Adams	3 46 06	102 57	2810	6P		6P A. V. Kittleson	3
Cando	1223	McLean	12 47 50	100 38	1458	8A	Earl A. Ward	2 3 5 7		Reeder 14 N	7452	Slope	1 46 19	102 57	2794	6P		6P Chas. M. Metzinger	3
Carson	1365	Grant	2 48 29	89 12	1481	MID	Barry B. Harris	2 3 5 7		Richardson Abbey	7530	Stark	4 46 58	102 19	2470	5P		5P Assumption Abbey	2 3 5 7 C
Carson No. 2	1370	Grant	4 46 25	101 34	2310	8A	And. W. Reinitz	2 3 5 7		Riviera	7563	McLean	12 48 40	99 50	1625	MID		MID Carl E. Sieher	2 3 5 7
Cass	1435	Pembina	4 46 23	101 34	2310	8A	Wm. O. Drummond	2 3 5 7		Rolette	7653	Rolette	2 48 52	99 37	1819	7P		7P Theo. H. Fagerlund	2 3 5 7
Cedar	1456	Oliver	8 47 07	101 18	2100	7P	Fred L. Heinz	2 3 5 7		Rolla	7664	Rolette	2 48 52	99 37	1819	7P		7P Theo. H. Fagerlund	2 3 5 7
Colgate	1686	Steele	10 47 14	97 39	1180	7P	John P. Burcill	2 3 5 7		Ryder	7749	Ward	8 47 55	101 04	2108	6P		6P C. S. Schellhaas	3 7 C
Conspira	1696	Burke	12 48 54	102 47	1930	6P	John P. Burcill	2 3 5 7		Sand Haven	7824	Ward	12 48 50	100 02	2001	6P		6P N.D. State Hospital	2 3 5 7
Cottonwood	1711	Griggs	11 47 47	98 07	1428	SP	J. D. Sundell	2 3 5 7		Scars 1 S	7844	Cavallier	9 48 56	99 02	1602	6P		6P David E. Midland	3
Courtney	1816	Stutsman	5 47 13	98 34	1523	SP	G. H. Hansawit	2 3 5 7		Scranton	7852	Stutsman	8 46 01	101 10	2183	7P		7P L. E. Wilson	3
Crosby	1871	Divide	12 48 54	103 18	1952	6P	Thomas C. Allen	2 3 5 7 C		Selfridge 11 W	7852	Stutsman	8 46 01	101 10	2183	7P		7P L. E. Wilson	3
Dawson	2018	Ridder	8 46 52	99 45	1730	MID	Ralph W. Wise	2 3 5 7 C		Sentinell Butte 20 S	7976	GoldenValley	7 46 37	103 49	2662	7P		7P G. E. Hury	3
Devile Lake WB City	2158	Ridder	8 46 52	99 45	1730	MID	Ralph W. Wise	2 3 5 7 C		Sharon	7986	Steele	10 47 36	97 54	1516	6P		6P Rugby Lyon	2 3 5 7
Dickinson CAA AP	2188	Stark	4 46 47	102 48	2480	7A	U.S. Weather Bureau	2 3 5 7 C		Sherrwood 3 S	8047	Reville	12 49 00	101 38	1847	6P		6P U.S. Customs Serv.	3 7 C
Dickinson Exp. Station	2188	Stark	4 46 47	102 48	2480	7A	U.S. Weather Bureau	2 3 5 7 C		Sherrwood 3 S	8047	Reville	12 49 00	101 38	1847	6P		6P U.S. Customs Serv.	3 7 C
Donnybrook	2242	Ward	12 48 31	101 53	1760	6P	Frederic J. Feldner	3		Shields	8065	Grant	1 46 14	101 07	1806	6P		6P James W. Rodenbaugh	3
Drake	2298	McBenny	12 47 55	100 32	1615	8A	Ed. J. Evans	2 3 5 7		Staley	8276	Mountrail	8 48 19	102 24	2260	7P		7P Leroy Edwards	2 3 5 7 C
Dunn Center 2 SW	2365	Dunn	12 47 50	102 38	2325	7A	Chesley W. Perkins	2 3 5 7		Steele	8366	Kidder	8 46 51	89 53	1837	6P		6P Steele Ozone Press	2 3 5 7
Dunsmuir 2 SE	2422	Bottineau	12 48 10	100 38	1720	6P	Chesley W. Perkins	2 3 5 7		Syke	8608	Wells	5 47 28	99 24	1634	6P		6P Edward Sondag	3
Edgely Exp. Farm	2482	La Moure	5 46 20	98 42	1568	8A	N.D. Agri. Exp. Sta.	2 3 5 7 C		Tague	8627	Mountrail	12 48 20	100 56	2179	6P		6P W. R. Ellingboe	3
Edmore 1 W	2525	Ramsey	2 48 25	98 29	1520	SP	Mike Davis	2 3 5 7		Tolga 1 E	8737	Williams	8 48 24	102 55	2245	8A		8A Signal Off. & Gas Co.	2 3 5 7
Elgin 5 S	2592	Grant	1 46 21	101 49	2241	6P	Art A. Helling	2 3 5 7		Tolley 3 NE	8792	McNeely	12 48 21	100 24	1482	7P		7P John H. Rieder	2 3 5 7
Elmore 8	2605	Dickey	5 47 06	98 31	1428	SP	Art A. Helling	2 3 5 7		Tower	8807	GoldenValley	7 47 18	103 52	2434	6P		6P Walter Gruenwald	3
Emping	2695	Ramsey	11 46 38	97 36	1120	7A	Leonard Peterson	2 3 5 7		Trotters 3 S	8812	GoldenValley	13 47 17	103 54	2420	MID		MID John O. Nelloroe	2 3 5 7
Emond	2767	Benson	8 48 17	103 21	2224	6P	E. F. Carpenter	3		Turtle Lake	8840	McLean	8 47 31	100 53	1899	6P		6P Knute Sondrol	2 3 5 7
Fairfield	2808	Williams	7 47 11	103 13	2730	6P	Leo Lyle O. Fering	2 3 5 7		Tuttle	8850	Kidder	8 47 08	100 00	1880	SP		SP Theodore C. Ochener	3
Farmers WB Airport	2808	Williams	7 47 11	103 13	2730	6P	Leo Lyle O. Fering	2 3 5 7		Underwood	8872	McLean	8 47 27	101 08	2026	7A		7A Clarence W. Johnson	2 3 5 7
Fennenden	2949	Bells	10 46 34	96 36	1885	MID	U.S. Weather Bureau	2 3 5 7 C		Upbas 3 W	8913	McBenny	12 48 37	100 44	1425	SP		SP St. Sch. of Science	2 3 5 7
Flasher	3009	Morton	1 46 27	101 14	1930	6P	Emil E. Rust	2 3 5 7		Valley City	8937	Barnes	11 46 55	98 00	1229	6P		6P Miss I. C. Robertson	2 3 5 7
Flatton	3019	Flaxton	12 48 54	102 23	1940	6P	George M. Sinclair	2 3 5 7		Velva	8990	McBenny	12 48 03	100 55	1511	6P		6P Oscar Anderson	2 3 5 7
Forbes 13 NW	3064	Dixie	5 46 04	98 58	1988	6P	Palmer M. Dunham	3		Verona	9035	La Moure	5 46 22	88 05	1382	6P		6P Warren D. Tang	3
Fort Yates	3127	Barnett	8 46 06	97 39	1640	SP	Theodore A. Wirch	2 3 5 7		Wabpeton Power Plant	9095	Richland	10 47 16	96 36	962	MID		MID Victor Burton	2 3 5 7
Foxholm 7 N	3217	Ward	12 48 27	101 34	1609	SP	Soil Conservationist	2 3 5 7 C		Wabpeton State School	9100	Richland	10 46 16	96 36	962	SP		SP St. Sch. of Science	2 3 5 7
Fryburg 1 NE	3277	Billings	4 46 53	103 18	2742	SP	U.S. Wildlife Ref.	2 3 5 7		Walhalla	9155	Pembina	9 48 53	97 56	950	SP		SP Felix A. Gastonguay	3
Gardner	3329	Dickey	5 46 25	98 25	1428	SP	U.S. Wildlife Ref.	2 3 5 7		Warwick	9185	Benson	11 47 51	98 42	1475	6P		6P Virgil B. Johnson	3
Gackle	3309	Logan	5 46 38	98 08	1931	6P	Elmer Stuebelier	2 3 5 7		Washington	9185	McLean	8 47 17	101 02	1770	SP		SP Judy Borlase	2 3 5 7
Garrison	3376	McLean	8 47 38	101 25	1911	7A	Alvin Bussell	2 3 5 7		Washington Water Works	9205	McLean	8 47 17	101 02	1770	SP		SP Washington Water Wks	3
Glen Ulin	3496	Morton	4 46 49	101 18	2090	MID	Frederick J. Anborn	2 3 5 7		Waukegan, S. D. W	9219	Grant	1 46 02	101 31	2074	6P		6P Mary E. Katus	2 3 5 7
Glen Ulin 13 N	3501	Mercer	6 47 00	101 47	2221	6P	Christ Schilling	3											

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

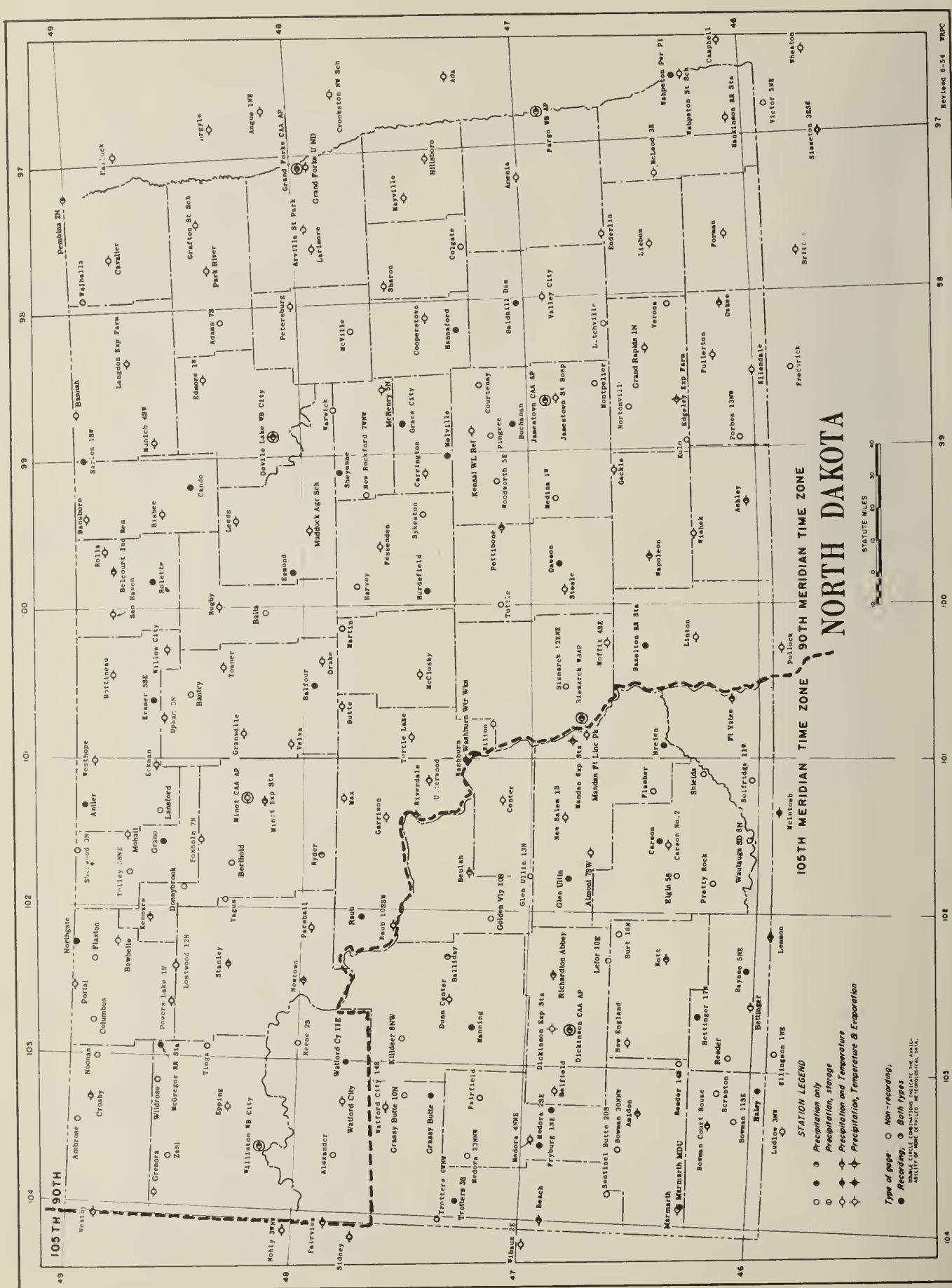
Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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NWRC, ASHEVILLE, N. C. -- 12-5-55 -- 880



NORTH DAKOTA

105TH MERIDIAN TIME ZONE 90TH MERIDIAN TIME ZONE

STATUTE MILES
0 10 20 30 40

- STATION LEGEND**
- Precipitation only
 - Precipitation, storage
 - Precipitation and Temperature
 - ◆ Precipitation, Temperature & Evaporation

Type of gauge: ○ Non-recording,
● Recording, ○ Both types

QUALITY OF DATA: ○ Excellent, ● Good, ○ Fair, ○ Poor, ○ Very Poor

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WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

NOVEMBER 1955

Volume LXIV No. 11



NORTH DAKOTA - NOVEMBER 1955

WEATHER SUMMARY

November was windy and unusually cold. Most areas received considerable snow. After the first week, the weather became disagreeable for outdoor work and little was accomplished except the care of livestock and other necessary chores. The livestock required yard feeding but continued in good condition.

Temperatures during November averaged 15.4° or 12.0° below normal. It was the second coldest November of record. Temperatures during November 1896, the coldest of record, averaged 8.1° . November 1955 averaged 20.3° colder than the unusually mild November of the previous year when temperatures averaged 35.7° or 8.3° above normal. The first few days of November 1955 were quite chilly. Southerly winds, following a warm front passage, brought the highest temperatures of the month on the 4th and 5th. Maximum temperatures ranged from the middle 40's at a few stations in the eastern part of the State to 73° at Ft. Yates. A cold front, crossing the State on the 5th, dropped the temperatures to below normal. The 8th and 9th were seasonably mild. A second cold front crossed the State on the 9th and by the 12th, the temperatures had dropped to near zero over most of the State. The rest of the month was unseasonably cold except for the 19th to 21st when near-normal temperatures prevailed at some stations. Most stations in central and western North Dakota registered their coldest temperatures during the extremely cold weather of the middle of the month or during the last two days. Eastern stations registered their lowest temperatures on the 29th or 30th. The coldest temperature for the State was 30° below zero at Parshall on the 16th. No colder temperature has been registered in November in North Dakota since 1919 when the lowest temperature for the State was 36° below zero. Mean monthly temperatures for November 1955 ranged from 9.8° at Bowbells to 22.1° at Wahpeton State School. Monthly temperature departures ranged from -5.3° at Pembina to -16.4° at Bowbells.

Rain or snow occurred somewhere in the State on every day of the month. Snow occurred on most days. Daily precipitation amounts were generally small. Several counties in the southeastern part of the State and a few stations elsewhere received less than their November normal amounts. Elsewhere, monthly totals exceeded the November normals. Several counties in the northeastern part of North Dakota exceeded their normals by more than an inch. Verona received the least precipitation, 0.04 inch. The greatest total, 2.88 inches, occurred at Walhalla. The average for the State, 0.88 inch, exceeded the normal by 44%. Snowfall totals ranged from 1.1 inches at Verona to 30.0 inches at Walhalla. The average for the State, 10.4 inches, is greater than the average for any November since 1947. The snowiest November of record was 1896 when the average fall was 21.7 inches. Heavy snows also occurred in November 1905 and 1919.

Field work during the first few days of November included sugar beet lifting, plowing, and flax harvesting. The weather became progressively more disagreeable, however, and, after the first few days, the outdoor activities decreased to only the necessary outdoor chores. High winds and snow on many days made the weather more annoying. The snow covered the ranges and livestock required yard feeding through most of the month. At the end of November, snow depths ranged from about one inch over the extreme southwest to about ten inches over the extreme northeast. Many highways were blocked and some others became slippery. The rivers contained floating ice by the middle of the month but were completely frozen over by the end of November.

Light to moderate blizzard conditions occurred locally, but there were no widespread blizzards such as the well-remembered Armistice Day storm of 1940.

Lucius W. Dye

SUPPLEMENTAL DATA

NORTH DAKOTA
NOVEMBER 1955

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	2:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
BISMARCK WB AIRPORT	WNW	24	14.5	45	NW	27	77	79	68	74	10	5	5	0	0	0	20	53	7.0
DEVILS LAKE WB CITY	-	-	10.9	33	NW	5	-	-	-	-	10	12	3	1	0	0	26	36	8.2
FARGO WB AIRPORT	NW	16	18.6	52	NW	6	74	74	67	69	12	8	2	0	0	0	22	33	8.3
WILLISTON WB CITY	-	-	8.2	29	NW	9	-	73	59	61	11	6	3	0	0	0	20	47	7.4

COMPARATIVE DATA

NOVEMBER

Table 1

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall	
1892	22.3	75	-26	0.79	7.4		1917	36.8	77	-7	0.13	1.4		1942	28.0	73	-14	0.18	1.5	
1893	22.4	74	-27	0.57	4.6		1918	28.9	71	-18	0.96	5.3		1943	28.7	63	-4	0.44	4.2	
1894	23.1	71	-25	0.47	2.6		1919	15.6	57	-36	1.15	11.8		1944	27.1	70	-21	2.25	8.8	
1895	20.6	76	-25	1.09	8.2		1920	28.0	65	-14	0.34	2.1		1945	22.3	75	-26	0.48	5.3	
1896	8.1	62	-32	2.23	21.7		1921	21.0	69	-30	0.69	6.3		1946	25.3	68	-22	0.35	3.3	
1897	20.0	86	-28	0.32	2.8		1922	31.8	65	-8	2.24	6.3		1947	22.5	63	-19	1.05	11.1	
1898	23.0	59	-30	0.34	3.1		1923	36.5	72	-5	0.47	0.6		1948	29.4	68	-19	1.11	3.9	
1899	36.0	68	2	0.31	1.0		1924	27.6	69	-15	0.18	1.9		1949	37.1	75	-13	0.30	2.2	
1900	20.4	64	-29	0.32	5.2		1925	28.8	69	-17	0.24	1.3		1950	21.6	70	-23	0.49	5.8	
1901	26.8	70	-7	0.13	1.6		1926	21.5	68	-23	0.62	6.2		1951	21.8	59	-24	0.28	3.6	
1902	29.6	69	-12	0.24	1.9		1927	20.7	59	-24	0.69	7.1		1952	30.3	71	-18	0.47	0.9	
1903	25.3	78	-20	0.26	2.5		1928	31.0	70	-11	0.48	0.2		1953	35.4	75	-6	0.36	3.2	
1904	35.7	80	-10	0.09	0.7		1929	24.8	70	-21	0.53	5.2		1954	35.7	74	-4	0.21	1.2	
1905	31.6	88	-38	1.36	11.0		1930	29.4	72	-21	0.87	6.2		1955	15.4	73	-30	0.88	10.4	
1906	23.8	68	-16	1.49	10.2		1931	30.3	78	-10	0.55	5.0								
1907	30.2	85	-15	0.08	0.7		1932	25.2	70	-17	0.51	4.6								
1908	31.1	75	-15	0.94	8.2		1933	28.3	78	-15	0.65	6.6								
1909	29.4	88	-23	0.48	4.6		1934	33.9	73	-1	0.28	1.0								
1910	23.9	68	-23	0.40	3.2		1935	17.2	57	-25	0.73	8.1								
1911	16.7	58	-33	0.64	7.1		1936	28.0	69	-28	0.34	4.0								
1912	31.8	70	1	0.07	0.5		1937	25.2	73	-25	0.41	3.5								
1913	34.1	77	-2	0.22	1.6		1938	23.8	75	-21	0.87	7.9								
1914	30.7	83	-30	0.33	2.6		1939	34.9	74	-4	0.03	T								
1915	28.1	71	-10	0.95	3.7		1940	22.0	59	-28	0.59	7.1								
1916	28.8	75	-18	0.27	1.7		1941	30.5	69	-17	0.40	3.6								

Averages for the period 1948 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

TABLE 2

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
										30° or Above	30° or Below	32° or Below	0° or Below										
EASTERN DIVISION																							
AMENIA	28.7	9.7	19.2	- 7.8	62	4	-17	30	1367	0	22	30	7	0.55	- 0.13	0.23	15	6.7	3	16+	2	0	0
ARVILLA STATE PARK	26.5	7.5M	17.0M		58	4	-20	30	1435	0	21	30	9	0.66		0.17	15			4	0	0	0
CARRINGTON	24.4	4.7M	14.6M	-12.7	65	5	-18	30	1501	0	22	30		0.85	0.30	0.29	15	7.0		3	0	0	0
CAVALIER	24.1	8.9	16.5	- 8.2	46	4+	-19	30	1447	0	22	30	9	2.04	1.30	0.67	15	21.0		9	1	0	0
COOPERSTOWN	26.2	7.7	17.0	-10.3	62	4	-19	30	1437	0	22	29	11	1.14	0.50	0.32	22	12.2	11	28+	6	0	0
DEVILS LAKE WR CITY	23.4	5.1	14.3	-10.8	58	4	-18	30	1520	0	22	30	11	1.79	1.12	0.68	22	19.8	13	22	4	1	0
EOGELEY EXP FARM	29.7	6.3	18.0	-11.3	70	5	-14	30	1405	0	18	30	13	0.29	- 0.23	0.10	15	3.5	3	15+	1	0	0
EMORE 1 W	23.1	3.4	13.3	-11.3	44	8	-22	30	1547	0	22	30	14	1.29	0.67	0.45	22	18.7	15	28+	5	0	0
ELLENOALE	30.5	9.1	19.8	- 8.6	68	4	-14	30	1347	0	18	29	10	0.27	- 0.29	0.24	15	2.5	2	15+	1	0	0
ENDERLIN	29.0	7.5	18.3		63	5	-16	30	1394	0	20	30	12	0.23		0.17	15	3.2	3	15+	1	0	0
FARGO WB AP	27.6	10.1	18.9	- 8.7	56	4	-12	30	1376	0	22	29	8	0.70	- 0.17	0.17	28	6.0	3	16+	2	0	0
FORMAN	30.4	10.1	20.3	- 8.3	65	4	-15	30	1335	0	18	30	6	0.09	- 0.48	0.09	15		1	15+	0	0	0
FULLERTON	30.1	9.3	19.7	- 9.3	67	4	-15	30	1351	0	20	29	11	0.38	- 0.33	0.22	15	2.5	2	15+	1	0	0
GACKLE	27.7	6.0M	16.9M	-10.5	67	4	-17	30	1435	0	19	29	12	0.15	- 0.39	0.08	9	2.8	3	22+	0	0	0
GRAFTON	24.9	8.8	16.9	- 8.1	48	4	-16	30	1436	0	22	30	10	1.90	1.21	0.51	15	19.3	15	28+	10	1	0
GRANO FORKS CAA AP	25.5	7.6	16.6	- 9.2	51	4	-16	30	1447	0	22	30	10	1.39	0.60	0.29	14	15.1	9	17+	5	0	0
GRANO FORKS UNIVERSITY	25.0	9.3	17.2	- 8.6	51	4	-15	30	1428	0	22	30	9	1.12	0.33	0.29	14	13.1	9	18+	5	0	0
GRANO RAPIDS 1 N	28.9	8.4	18.7		65	4	-18	30	1384	0	19	30	11	0.36		0.20	15	3.0	3	15+	2	0	0
HANKINSON R R STATION	31.4	9.5	20.5	- 8.4	65	5	-10	30	1327	0	17	30	9	0.23	- 0.42	0.10	15	1.1		1	0	0	0
HANNAH	20.9M	4.1M	12.5M	- 8.2	48	4	-18	30	1568	0	23	30	11	1.74	1.05	0.49	15	16.0	12	27+	7	0	0
HILLSBORO	27.3	10.5	18.9	- 8.4	57	5	-19	30	1374	0	21	30	7	0.84	0.08	0.20	15	9.0	5	28+	3	0	0
JAMESTOWN CAA AP	26.4	5.5	16.0	-11.3	69	4	-21	30	1466	0	22	30	13	0.73	0.06	0.33	22	6.1	5	23+	3	0	0
JAMESTOWN STATE HOSP	27.6	8.1	17.9	- 9.4	69	4	-19	30	1409	0	20	29	11	0.55	- 0.12	0.30	22	6.0		2	0	0	0
KENSAL WILDLIFE REFUGE	27.3	6.7	17.0		70	4	-22	30	1434	0	22	29	12	0.95		0.32	22	12.5	9	28+	3	0	0
LANGOON EXP FARM	22.3	5.3	13.8	- 9.9	47	4	-17	30	1530	0	23	30	11	2.08	1.35	0.66	22	18.7	16	22+	4	2	0
LARIMORE	26.6	7.7	17.2	- 8.6	58	4+	-16	30	1432	0	21	30	9	1.40	0.58	0.35	22			6	0	0	0
LISBON	30.1	8.9	19.5	- 9.3	64	5	-16	30	1360	0	19	29	10	0.21	- 0.42	0.14	15		2	15+	1	0	0
MAYVILLE	26.3	10.1	18.2	- 9.6	54	4	-16	30	1397	0	22	30	7	0.73	0.02	0.23	14	7.5	5	27+	2	0	0
MC HENRY 5 N	24.9	6.4	15.7	-10.9	63	4	-19	30	1475	0	23	30	11	0.76	0.22	0.20	22	9.2	7	22+	3	0	0
MC LEOO 3 E	30.6M	6.9M	18.8M	-10.9	65	4	-16	30	1397	0		30	11	0.46	- 0.17	0.25	15	7.0		2	0	0	0

See reference notes following Station Index.

CLIMATOLOGICAL DATA

NORTH DAKOTA
NOVEMBER 1955

TABLE 2 - CONTINUED

Station		Temperature										Precipitation												
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
											90° or Above	32° or Below	Snow Days	O° or Below					Total	Max. Depth on Ground	Date	# or More 1.00 or More		
																							Max.	Min.
MUNICH 4 SW		21.0	1.0	11.0		48	4	-20	30	1618	0	23	30	15	1.28		0.32	22	11.5	11	22+	6	0	0
OAKES	AM	29.6	7.3	18.5	-10.1	63	5	-17	30	1390	0	19	30	10	0.23	-0.33	0.13	15	1.8	2	15	1	0	0
PARK RIVER		25.0	9.3	17.2	-9.8	50	4+	-11	30	1430	0	23	30	9	1.13	0.50	0.30	15+	12.0	11	22+	5	0	0
PEMBINA 2 N		28.0	8.1	18.1	-5.3	45	4+	-21	30	1407	0	20	30	9	1.03	0.28	0.46	15		14	16+	3	0	0
PETERSBURG		23.6	6.8	15.2		55	4	-14	30	1484	0	23	30	11	1.08	0.44	0.32	22	9.5	8	28+	5	0	0
SHARON		25.4	6.6	16.0	-8.7	59	4	-17	30	1466	0	23	29	11	0.85	0.13	0.30	22	12.3	12	24+	4	0	0
VALLEY CITY		28.1	10.4	19.3	-8.7	61	4	-17	30	1365	0	19	29	9	0.38	-0.30	0.15	15	3.8		1	0	0	0
WAPPETON STATE SCHOOL		31.5	12.7	22.1	-6.9	60	4	-13	30	1283	0	18	29	6	0.50	-0.19	0.15	15	5.0	3	15+	3	0	0
DIVISION				17.3	-9.5										0.85	0.13			9.3					
MIDDLE DIVISION																								
ASHLEY		28.6	5.0M	16.8M	-11.2	68	4	-18	30	1457	0	18	30	13	0.32	-0.23	0.12	15	2.5	3	15+	1	0	0
BELCOURT INOIAN RES		22.5M	2.8	12.7M		48	4	-24	30	1559	0	23	29	14	0.72		0.15	15	8.0	8	22+	3	0	0
BISBEE		22.0M	5.7	13.7M	-12.7	51	4	-21	30	1539	0	23	30	12	1.13	0.66	0.27	15	10.4	10	22+	6	0	0
BISMARCK WB AP	R //	26.5	3.7	15.1	-13.3	70	4	-18	30	1494	0	19	29	16	1.19	0.66	0.39	14	14.7	8	15	5	0	0
BOTTINEAU	AM	21.4	2.5	12.0	-11.6	56	5	-14	16+	1586	0	24	30	15	0.91	0.44	0.25	15	9.3	6	16+	3	0	0
BUTTE	AM	22.1M	3.8M	13.0M	-13.5	57	5	-18	13	1558	0	22	30		0.71	0.11	0.46	15	11.0	10	15+	2	0	0
CARSON NO 2	AM	26.5M	7.2M	16.9M	-12.9	70	5			1453	0	18			0.55	-0.02	0.29	14	8.0	8	15+	2	0	0
CENTER		26.1	4.0	15.1	-13.4	68	4	-20	30	1493	0	20	30	15	1.29	0.78	0.40	14	11.0	9	24+	5	0	0
DRAKE	AM	22.6M	3.2M	13.0M	-12.9	59	5	-15	30	1558	0	21	30	14	1.12	0.58	0.42	15		8	15+	4	0	0
ECKMAN 2 SE	AM	21.5M	1.4M	10.1M	-15.3			-23	30	1660	0	23	30	16	1.16	0.67	0.82	15			2	1	0	0
FESSENDEN		25.8	4.4	15.1	-11.5	63	4	-22	30	1492	0	22	28	14	1.08	0.48	0.45	22	20.0	13	28+	4	0	0
FORT YATES		30.9M	9.4M	20.2M	-9.8	73	4	-13	30	1337	0	17	28	11	0.58	0.13	0.20	12	6.0	5	14+	3	0	0
FOXHOLM 7 N		25.3	3.0	14.2	-11.4	59	4	-22	30	1521	0	20	29	15	0.91	0.23	0.59	15	14.0	12	16+	2	1	0
GARRISON	AM	23.4	4.1	13.8	-12.7	58	5	-14	16	1533	0	21	30	15	0.99	0.50	0.48	15	6.7		2	0	0	0
GRANVILLE		24.3	5.9M	15.1M	-11.3	53	8			1503	0	21	29		0.91	0.37	0.50	15	11.0	11	15+	2	1	0
HANSBORO		21.3M	4.4M	12.9M	-10.6			-15	30	1561	0	23	30	13	0.51	-0.03	0.12	15+	16.3		15	2+	0	0
LEEDS		23.4	2.6	13.0		55	4	-25	30	1552	0	23	30	13	1.19		0.33	15		12	17+	4	0	0
LINTON		29.4	6.1	17.8	-11.0	70	4	-22	16	1410	0	17	30	12	0.69	0.24	0.17	15	5.1	4	15+	3	0	0
MADDOCK AGR SCHOOL		24.4	4.3	14.4	-11.8	58	4	-23	30	1516	0	22	30	13	0.85	0.34	0.44	22		9	22	2	0	0
MANDAN EXP STATION	AM	25.0	4.9	15.0	-13.9	69	5	-18	30	1499	0	21	30	14	0.99	0.47	0.44	15	15.6	10	15	3	0	0
MANDAN FT LINCOLN PARK		27.4	4.9	16.2		70	4	-20	30	1462	0	19	28	15	1.30	0.40	0.40	14	12.0	8	15+	5	0	0
MAX		22.4	2.8	12.6	-13.1	54	5	-16	16	1569	0	22	30	15	1.27	0.77	0.49	15	11.5	9	15+	4	0	0
MC CLUSKY		24.6	4.9	14.8	-10.8	60	4	-17	30	1502	0	21	29	14	1.60	1.05	0.60	22	13.4	11	22+	5	1	0
MINOT CAA AP		23.1	2.6	12.9	-15.2	57	4	-15	30	1560	0	22	29	17	0.81	0.15	0.28	14	9.7	8	15+	2	0	0
MINOT EXP STATION	AM	21.8	4.0	12.9		53	5	-14	30	1559	0	23	30	15	0.63	0.29	0.15	10.9		9	15+	1	0	0
MOFFIT 4 SE		27.7	4.5	16.1		70	4	-20	30	1462	0	20	29	13	0.76		0.22	22	9.4	7	22+	3	0	0
MOHALL		23.7	2.6	13.2	-11.8	57	4	-21	30	1550	0	22	30	14	0.69	0.15	0.32	15	12.5	12	16+	2	0	0
NAPOLEON		27.6M	5.2	16.4M	-10.4	69	4	-20	17	1442	0		29	14	0.94	0.36	0.30	22	8.5	7	22+	4	0	0
NEW SALEM 1 S		25.9	5.2	15.6	-14.0	69	4	-16	16	1479	0	19	27	15	1.25	0.77	0.36	22	14.5	9	15+	5	0	0
PETTIBONE		25.0	3.6	14.3	-11.8	65	4	-20	30	1515	0	21	29	13	E 1.17	0.64	0.36	22	12.0	10	24+	5	0	0
RIVERDALE	AM	23.9	5.8	14.9		62	5	-14	16	1498	0	21	29	14	1.09		0.39	15	10.5	9	17	3	0	0
ROLLA		22.3	5.0	13.7	-9.5	47	4	-12	24	1535	0	23	29	14	1.28	0.73	0.38	15	12.9	11	27+	5	0	0
RUGBY		26.3	4.4	14.4		57	4	-18	30	1513	0	23	29	14	1.22	0.70	0.46	15	21.0	12	16+	4	0	0
SAN HAVEN		22.6	5.5	14.1	-10.0	50	4	-14	30	1522	0	23	29	13	0.88	0.38	0.32	15	9.2	8	27+	3	0	0
STEELE		28.1M	1.9M	15.0M	-11.5	69	4	-20	30	1509	0		30	15	1.38	0.91	0.36	15	20.0	10	15	4	0	0
TOWNER		25.2	3.9M	14.6M	-10.8	58	4	-20	30	1505	0	22	28	14	0.96	0.43	0.38	15	15.0					
TURTLE LAKE		25.5	2.1	13.8	-14.3	60	4	-19	30	1530	0	20	30	15	1.76	1.34	0.62	15		9	15+	4	1	0
UNDERWOOD	AM	24.1	3.9	14.0	-14.3	62	5	-16	16	1521	0	22	30	15	1.91	1.46	0.65	15		10	15+	5	1	0
UPHAM 3 N		24.9	2.0	13.5		59	4	-20	30	1541	0	23	29	15	E 0.82		0.25	15	13.5	12	15+	3	0	0
VELVA		25.4	3.6	14.5	-12.9	57	4	-16	18	1511	0	21	29	15	E 0.97	0.33	0.30	14+	13.0	12	15+	4	0	0
WASHBURN		25.7	5.8	15.8	-13.6	65	4	-14	30	1471	0	20	28	14						9	25+			
WESTHOPE		21.6	2.4	12.0	-13.1	58	4	-18	30	1587	0	23	30	15	1.20	0.65	0.47	15	16.5					
WILLOW CITY		23.9	1.5	12.7	-10.0	57	4	-24	30	1564	0	22	29	15	0.77	0.21	0.30	14	8.0	8	15+	3	0	0
WILTON		24.2M	2.8M	13.5M	-13.8	63	4	-16	16	1522	0	20	30		1.23	0.75	0.30	15						
WISHEK						68	4				0													
DIVISION				14.3	-12.4										1.03	0.44			12.0					
WESTERN DIVISION																								
ALMONT 7 SW		27.0	5.8	16.4		69	4	-15	13+	1455	0	19	27	14	1.39									

NORTH DAKOTA
NOVEMBER 1955

[illegible]

DAILY PRECIPITATION

Table 3-Continued

NORTH DAKOTA
NOVEMBER 1955

Station	Total	Day of month																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NEW ROCKFORD 7 WNW	1.03	T	T							.12			.02	.14	T	.16	.17	.03	T			.04	.35			T	T	T				
NEW SALEM 1 S	1.25					T					T	.10	T	.18	T	.32	.16	T				.04	.36		.09	.04						
NEWTOWN	.79		.01	T	T						T	.14	T	.11		.15	.33	T				T				.05						
NOONAN	.87													.09	.16	.28	.08									.11	T					
NORTONVILLE	.27					.07								.05								.22			.08							
OAKES	.23										.05	T		.03	T	T	.13	T	T	.01						.01			T			
PARK RIVER	1.13	T	T			T					.10				.17	.09	.30	.15	T			.30										
PARSHALL	1.25	.11	.05			T						.18	.22	.10		.30	.35	.05				T			.05		.04		.02			
PEMBINA 2 N	1.03	.03									.10			.10	.07	.18	.12		.01			.16										
PETERSBURG	1.08	.06												.06	.46	.07				.03			.32			.04	.03	.05				
PETTIBONE	1.17	T	T			.03					.05	.05	.05	.06	E.10	.10	T					.36		.10	.02		.25					
PINGREE	.89	T				T					.04	.03	.04	.08	.15	T		.03				.33		.10	T	.09						
PORTAL	.55	T	T	T		T						.06	T	.06	T	.40	T					.03				T	T	T	T			
POWERS LAKE 1 N	.25	T	T			T					.05	T		.20								T										
PRETTY ROCK	.37		T									.06	T	.08	.03	.02			T				.09	T	T	.02	T	.05	.02	T	T	
RAUS 10 SSW	.51					T	T					.16	.10		.25																	
REEDER	.99											.04			.38	.25							.32									
REEDER 14 N	.50	T										T	T	.02	.01	.32						.15										
RICHAROTON ABBEY	1.15	.04	T	T								.06	T	.11	.09	.17	.02	T				.18			.06	.01	T	T	.01			
RIVERDALE	1.09		.04	T	T							.22	.02		.09	.08	.39					.03	T	.07	T	T	.02	T	T			
ROLLA	1.28	.05	T	T		.15					.07	T	T	.09	T	.18	.38	.10	.01	.02			.12			.01	.07	.03				
RUGBY	1.22	.02	.03			.06					.04	.02	.10	.02	.20	.46	.06	.02	T				.11			.02	.02					
RYDER	.85		.08	T								T	.20	.07	.10	.30							.06			.05	.10	T	T	.05		
SAN HAVEN	.88	.02	.05								.04	T		.11	T	.05	.32	.05	T	.02												
SCRANTON	1.08					T	.02					T		.03	.48	.07							.50			T						
SELFRIEGE 11 W	1.47										.02	.50	.25	.20	.20	.20	T								.10							
SENTINEL BUTTE 20 S	.44	T											.25	.24	.21	T																
SHARON	.85	T	T								.05	T	.05		.12	.21	T					.02	.30		.10	T	T	T				
SHERWOOD 3 N	.76	T				.04					.02	.05	.11	.07	.38	.04							.02	.18								
SHIELDS	.70										.03	.08	.02	.04	.06	.29																
STANLEY	1.44	.60	T			T						T	.14	.70	T	T									T	T	T					
STEELE	1.38			T	T						.06	.06	.03	.10	.08	.35	.36						.26		.08	T	T					
SYKESTON	1.82		T	T		T	T	T			.22	T	.10	.10	.10	.33	T	.04	T				.58	T	.25	.10	T					
TAGUS	.53												.14	.03	.14	.18	T															
TIOGA 1 E	1.09	T	T	T		T						T	.09	.04	.03	.80	T	T	T				T	T	.01	T	.12	T				
TOLLEY 3 NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOWNER	.96	T										.10	.12		.31	.38											.05					
TROTTERS 6 SE	.68	T	.04								.02	.02	.13	T	.34	.02							.08		.02	.01						
TURTLE LAKE	1.76	.02	.06									T	.20	T	.05	.62	T	.05							.14		.02					
TUTTLE	1.40	T	T	T		.02					.03	.02	.10	.20	.21	.10	.02	T					T	.25	T	.15	.03	.04	.03	T		.05
UNDERWOOD	1.91	.03	.02								.30	.35	.12	.15	.65	.05								.08	.02	T	.05	.07	T	.02		
UPHAM 3 N	.82	T	T	E.15		.08	T				.07	.02	.12	.06	.25	.07							T	T	T							
VALLEY CITY	.38	T				T	T				.08		.01	.15	.02								.07	T	.02		.03					
VELVA	.97	T									.11	T	E.20	.30	.30	T							T	T	T		.06	T				
VERONA	.04					.01								.03																		
WAHPETON STATE SCHOOL	.50					.01	T	.11			.13	T	.02	.04	.15	T	T	T														
WALHALLA	2.88										.25	T	T	.26	T	1.20							.91									
WARWICK	.72	T		.04	T		T					T	.02	T	.25	.23	.07															
WASHBURN	-	.31									T	T			.25																	
WATAUGA 5 OAK 8 N	1.11	T										T	.20	*	.64																	
WATFORD CITY	.68	.06											.02	.06	.32	.12																
WATFORD CITY 14 S	.34	T	T									T		.08	T	.10																
WESTHOPE	1.20	T	T								.05	.04	.10	.30	.47	T																
WILOROSE	.76					T						.13	.16	.47																		
WILLISTON W8 CITY	.74	.01	T	T		.03					T		.02	.15	.26	.07	.03	T					T	T	T		.02					
WILLOW CITY	.77	T	T			.06					.05	.06	.15	.30	.15	T																
WILTON	1.23											.23	.30	.23	.30																	
WISHEK	-											T	T	.30	.15	.10																
WOODWORTH 5 E	.92	T				T	T					T	.20	T	.15	.10		.05														
ZAHL	.78	.08	T	T							T	.05	.07	.34	.14	.10																

DAILY TEMPERATURES

NORTH DAKOTA
NOVEMBER 1995

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX MIN	32 23	24 13	43 7	69 35	55 21	30 14	34 12	57 12	52 37	43 33	39 10	14 3	6 -15	9 -15	5 -15	12 -3	14 0	18 0	40 5	43 24	30 22	28 10	12 -5	11 -5	24 -5	37 -2	2 -9	1 -9	5 -10	16 -10	27.0 5.8	
AMENIA	MAX MIN	39 20	32 16	32 9	62 27	59 31	32 17	28 20	44 14	46 29	41 24	41 15	25 2	2 -3	3 13	1 1	13 13	7 7	26 30	28 14	34 23	23 0	7 2	13 -9	7 -8	32 11	12 -6	13 -2	12 -11	15 -2	13 -4	10 -17	28.7 9.7
AMIOON	MAX MIN	42 21	27 11	30 7	55 27	67 33	32 11	33 4	36 10	56 31	48 31	46 9	15 2	2 -21	3 -15	5 -10	3 -16	3 -11	11 -8	37 -3	46 30	42 23	35 23	28 0	10 2	35 6	41 10	18 -11	1 -9	5 -14	12 -9	27.7 5.1	
ARVILLA STATE PARK	MAX MIN	34 23	28 17	27 7	58 23	48 27	30 16	29 19	46 14	47 32	49 25	37 17	20 10	14 -7	11 -10	20 8	21 1	22 10	20 10	25 12	39 8	23 5	39 19	20 -6	22 -11	12 -14	29 3	7 -8	16 -4	14 -3	7 -20	26.5 7.5	
ASHLEY	MAX MIN	36 20	29 16	38 4	68 24	58 13	43 12	35 10	52 10	48 32	47 27	40 15	20 10	18 -7	11 -10	15 3	12 -15	17 -4	25 -9	30 -5	40 20	30 17	27 21	22 -2	11 -4	26 -6	36 1	3 -9	4 -9	5 -15	12 -15	28.6 5.0	
BEACH	MAX MIN	42 20	29 11	22 3	53 22	66 24	33 13	32 6	37 7	54 30	49 32	48 9	14 0	6 -19	5 -15	5 -5	2 -12	9 -12	15 -7	26 0	50 25	45 28	39 23	29 1	14 2	19 -6	45 19	21 -9	8 -9	9 -15	9 -15	27.8 5.4	
BELCOURT INDIAN RES	MAX MIN	30 16	23 14	23 3	48 9	40 17	21 14	29 10	40 15	41 32	35 24	35 7	13 -2	10 -12	10 -9	19 -10	22 -10	17 -15	17 13	35 12	23 5	20 12	22 -9	4 -11	5 -6	26 -3	2 -10	2 -8	12 -7	10 -24	22.5 2.8		
BELFIELD	MAX MIN	28 18	22 10	52 2	68 35	45 22	38 10	36 15	54 10	48 33	45 31	37 8	10 -1	3 -21	10 -6	2 -11	8 -9	14 -8	16 -7	47 30	31 1	30 9	9 -5	15 -2	42 2	37 -3	6 -10	5 -11	12 -10	21 -12	27.3 3.8		
BEULAH	MAX MIN	35 24	25 15	19 4	38 11	63 31	34 11	26 11	30 10	52 20	47 27	39 11	14 0	12 -15	2 -16	7 -2	3 -22	10 -15	10 -12	16 -12	37 -12	30 11	28 18	21 -9	4 -12	7 -11	24 -4	26 -11	0 -10	-2 -11	-22 -22	21.9 1.3	
BISBEE	MAX MIN	31 19	24 16	25 4	51 23	40 21	23 17	28 12	42 18	43 32	40 27	35 15	10 2	-6 -6	-5 -5	8 -8	1 -11	6 -6	13 6	21 19	19 19	23 13	13 -6	-11 -6	-11 -5	16 -1	25 -5	-1 -8	-5 -5	-6 -21	8 -21	22.0 5.3	
BISMARCK WB AP	MAX MIN	33 23	26 10	39 8	70 28	53 16	30 15	34 15	55 15	51 34	48 31	34 12	15 -1	5 -7	13 -2	13 -5	14 -15	14 -7	23 -8	34 -8	38 19	30 19	27 7	7 -9	7 -14	28 -15	26 -5	3 -8	4 -6	5 -17	15 -18	26.5 3.7	
BOTTINEAU	MAX MIN	43 19	26 15	23 9	28 5	56 35	33 22	21 10	28 15	42 20	46 25	40 11	27 0	12 -11	6 -11	13 -14	16 -6	20 -9	10 6	17 10	31 3	18 3	22 12	22 -9	-2 -9	7 -8	21 -9	17 -9	-2 -9	2 -14	0 -14	21.4 2.5	
BOWBELLS	MAX MIN	36 16	22 14	20 -3	38 12	52 21	24 8	25 7	32 8	45 28	45 28	12 5	8 0	4 -9	5 -12	9 -18	11 -8	9 -15	9 -7	40 0	17 5	22 12	18 -11	2 -12	10 -3	32 0	0 -13	-5 -13	-5 -16	0 -18	19.4 0.2		
BOWMAN COURT HOUSE	MAX MIN	33 19	23 11	56 5	68 35	58 22	33 10	35 15	56 15	50 22	45 30	38 8	5 -5	5 -10	7 -14	14 -11	21 -5	46 5	44 32	36 24	43 10	16 1	15 4	37 -4	40 -1	7 -11	5 -8	10 -13	18 -5	30.1 5.6			
BUTTE	MAX MIN	36 22	25 15	22 5	37 12	57 26	28 14	24 12	32 10	50 28	41 29	45 11	17 3	8 -18	5 -12	10 -2	10 -13	17 -8	12 0	17 0	40 8	30 17	20 -7	2 -7	8 -7	20 7	0 -10	5 -7	2 -13	2 -7	22.1 3.8		
CARRINGTON	MAX MIN	34 26	29 17	24 7	33 12	65 29	48 16	29 12	29 12	48 24	47 28	25 21	17 5	6 -6	5 -5	13 -5	14 -5	18 -5	13 -6	20 -1	38 8	28 16	24 -6	2 -8	3 -12	28 -5	30 -9	-1 -5	4 -7	4 -18	24.4 4.7		
CARSON NO 2	MAX MIN	44 26	31 16	24 5	51 20	70 31	31 12	33 15	34 15	56 31	45 13	13 13	5 -3	9 -11	5 -5	11 -6	12 -6	25 3	41 24	39 22	31 3	26 -3	9 -3	12 -4	26 -5	35 -9	4 -9	6 -2	5 -12	26.5 7.2			
CAVALIER	MAX MIN	33 25	27 18	27 11	46 23	44 26	27 19	26 19	43 16	44 32	46 31	38 15	16 6	12 -3	8 -3	20 10	23 8	23 10	19 8	23 12	38 12	19 7	28 18	19 -4	2 -11	10 -5	28 -5	6 -5	15 -4	11 -19	3 -19	24.1 8.9	
CENTER	MAX MIN	31 24	28 20	38 5	68 25	68 25	28 15	44 10	55 24	51 24	47 29	40 11	17 6	10 -12	10 -14	11 -3	14 -16	20 -5	32 -10	40 22	30 20	25 12	13 -7	-13 -13	-2 -2	35 -10	1 -8	0 -8	0 -20	14 -20	26.1 4.0		
COOPERSTOWN	MAX MIN	38 25	26 17	31 6	62 27	54 28	28 11	30 11	46 16	48 34	49 27	40 19	21 13	17 -5	10 -4	17 -2	19 9	19 8	26 5	37 12	22 6	26 21	22 -6	4 -9	16 -14	22 0	8 -8	12 -7	10 -12	7 -19	26.2 7.7		
CROSBY	MAX MIN	30 17	20 14	30 1	51 23	43 18	24 9	32 8	43 19	46 34	43 31	39 6	6 0	4 -10	8 -10	10 -11	11 -7	13 -10	35 -7	40 3	28 6	21 4	5 -12	10 -12	30 -7	31 -12	2 -4	0 -14	17 -11	22.5 2.0			
DEVILS LAKE WB CITY	MAX MIN	29 17	24 12	27 6	58 26	48 18	23 16	28 14	45 21	42 31	36 28	13 11	6 3	11 -4	16 -4	19 5	18 6	20 10	36 5	37 9	21 5	24 3	3 -10	3 -13	21 -7	29 -7	1 -9	12 -2	3 -12	11 -18	23.4 5.1		
DICKINSON CAA AP	MAX MIN	29 16	21 7	49 6	68 27	53 13	31 13	35 8	56 17	49 32	45 20	21 6	12 -6	-2 -18	2 -10	-9 -9	8 -7	13 -3	43 40	41 31	31 22	29 2	10 -3	15 -6	37 -9	35 -9	4 -10	8 -8	8 -4	26.5 5.0			
DICKINSON EXP STATION	MAX MIN	42 24	30 14	21 9	49 36	68 19	32 15	32 8	58 11	50 26	46 32	18 11	5 -5	11 -19	4 -20	7 -8	10 -8	14 -8	20 4	47 18	40 24	32 23	28 -4	10 -4	15 0	37 15	28 8	4 -8	3 -8	9 -9	26.8 5.5		
DRAKE	MAX MIN	35 20	28 15	24 4	36 12	59 31	37 12	31 12	51 27	47 27	49 13	20 6	10 -9	1 -9	11 -9	12 -8	18 -8	11 -7	19 -2	38 0	16 8	26 17	22 -8	2 -11	28 -7	25 -1	1 -7	1 -9	2 -15	22.8 3.2			
DUNN CENTER 2 SW	MAX MIN	38 24	28 14	27 5	43 20	60 35	28 15	28 9	55 11	52 26	48 32	13 9	14 -5	10 -19	10 -14	16 -4	10 -12	16 -8	17 -8	38 17	35 17	30 17	22 -6	8 -6	10 -4	7 -7	10 -10	2 -11	7 -10	8 -16	24.5 3.4		
ECKMAN 2 SE	MAX MIN	27 15	24 14	31 9	58 28	26 13	10 11	30 27	49 11	46 27	45 32	9 2	11 -6	11 -17	6 -17	12 -8	19 -8	9 -19	17 -12	37 -5	16 2	23 14	21 -11	7 -19	24 -8	10 -11	3 -11	-2 -11	-23 -23	21.5 -1.4			
EDGELEY EXP FARM	MAX MIN	59 19	39 18	29 5	34 10	70 27	50 15	26 14	34 15	47 25	47 31	50 20	25 12	21 -3	10 -5	17 -5	16 -8	17 -7	21 -3	27 1	39 18	40 14	31 18	28 0	10 -5	29 -4	40 -8	5 -7	10 -3	10 -14	29.7 6.3		
EDMORE 1 W	MAX MIN	30 15	38 14	25 0	41 18	21																											

DAILY TEMPERATURES

NORTH DAKOTA
NOVEMBER 1955

Table 5-Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX MIN	37 18	35 15	27 4	37 15	58 30	31 13	27 11	33 11	51 30	48 32	44 11	17 5	10 -8	5 -6	11 -1	8 -14	15 -12	14 -5	17 -3	40 -1	23 13	28 19	22 -5	3 -7	10 -5	29 2	18 -11	0 -10	1 -8	2 -8	23.4 4.1	
GRAFTON	MAX MIN	33 25	28 19	25 10	48 23	42 28	29 20	27 20	43 18	44 32	45 30	39 17	18 10	13 -8	11 -6	22 10	23 6	15 15	6 14	24 12	38 22	30 17	22 -4	12 -10	10 -9	28 -3	10 -2	16 -2	12 -1	4 -16	24.9 8.8		
GRAND FORKS CAA AP	MAX MIN	33 20	28 16	28 7	51 27	43 24	27 18	26 15	42 16	45 32	46 28	38 17	17 10	11 -2	16 -5	22 10	22 4	22 14	30 13	36 3	27 8	30 15	3 -9	15 -13	22 -5	27 -5	1 -5	16 0	6 -11	13 -16	25.5 7.6		
GRAND FORKS UNIVERSITY	MAX MIN	33 22	27 18	26 7	51 24	43 28	27 17	26 15	44 32	45 32	41 28	19 12	12 -2	14 -3	22 14	21 5	21 14	21 14	26 16	36 8	25 4	31 18	2 -13	12 -11	26 -5	1 -5	16 -4	12 -5	10 -15	25.0 9.3			
GRAND RAPIDS I N	MAX MIN	37 18	30 18	35 3	65 26	47 30	33 16	33 15	46 12	48 32	51 25	40 19	24 13	20 -1	16 -7	15 -1	18 -6	22 10	27 7	29 -2	40 19	31 13	26 23	9 0	22 -4	39 -9	5 -7	10 -3	11 -3	14 -18	28.9 8.4		
GRANVILLE	MAX MIN	37 19	21 15	30 4	50 27	41 20	23 15	21 11	53 17	43 35	49 28	38 10	10 -1	1 -7	10 -8	12 6	15 5	19 -9	32 7	35 7	38 11	28 19	10 -1	3 -3	32 -14	26 -3	6 -3	0 -10	1 -10	20 -10	24.3 5.9		
GRENORA	MAX MIN	35 26	33 4		59 32	61 19	27 7	33 4	48 19	47 32	45 31	5 -4	5 -1	3 -17	6 -14	10 2	11 2	13 0	10 -9	39 -4	38 7	25 11	21 10	12 -14	11 -4	39 -4	39 -4	1 -14	-2 -13	2 -14	20 -14	23.9 3.1	
HANKINSON R R STATION	MAX MIN	40 18	43 20	31 8	33 8	65 32	63 18	29 12	29 14	46 16	49 30	49 26	34 18	25 10	18 4	23 0	21 -1	23 9	25 13	35 14	43 18	40 20	32 3	16 0	20 -4	25 -4	37 -4	4 -6	15 -2	9 -10	31.4 9.5		
HANNAH	MAX MIN	30 16	22 14	23 4	48 19	39 20	23 14	22 11	39 14		42 26	34 7	10 -2	9 -9	10 -4	16 5	20 3	17 6	24 12	23 14	33 5	16 10	22 5	18 -1	1 -12	16 -5	24 -5	1 -5	12 -6	5 -11	8 -18	20.9 4.1	
HANSBORO	MAX MIN	30 19	24 15	25 5	50 20	22 16	26 10	41 18	43 32	41 26	35 26	11 9	14 -1	10 -6	15 6	19 1	18 -4	18 -11	23 15	35 7	17 5	21 14	17 -6	0 -9	17 -4	27 -2	9 -5	1 -12	10 -15	21.3 4.4			
HETTINGER	MAX MIN	32 21	24 15	52 7	69 36	61 26	33 15	35 12	59 15	49 34	47 28	39 11	12 -3	6 -1	6 -10	8 -11	12 -10	20 -2	47 7	44 33	35 24	32 10	17 2	15 3	32 2	37 1	9 -9	8 -7	11 -9	20 -6	29.2 7.3		
HILLSBORO	MAX MIN	35 22	30 18	30 6	56 25	57 32	32 16	27 22	42 14	45 32	48 26	41 24	24 17	17 1	14 -3	25 5	18 2	22 15	23 13	25 19	36 17	25 17	34 23	3 -4	11 -10	28 -11	7 -7	16 -3	14 -2	7 -19	27.3 10.5		
JAMESTOWN CAA AP	MAX MIN	35 19	25 13	32 8	69 28	55 18	24 16	32 14	50 17	45 29	47 29	38 12	19 10	13 -3	15 -3	15 0	18 -6	23 3	38 6	29 -1	25 12	29 10	10 -6	4 -9	25 -13	30 -5	1 -3	7 -14	4 -21	26.4 5.5			
JAMESTOWN STATE HOSP	MAX MIN	36 25	26 18	33 7	69 28	54 24	24 16	31 14	49 18	46 35	47 28	40 17	20 11	19 -3	15 -2	15 6	19 -5	20 9	23 1	39 13	30 14	26 19	19 -3	5 -5	22 -11	33 -1	8 -1	9 -2	7 -5	14 -19	27.6 8.1		
KENMARE	MAX MIN	35 23	25 16	21 5	32 12	51 25	25 10	24 10	32 30	47 30	46 32	14 7	9 3	5 -8	11 -8	10 -12	17 -4	13 -14	10 -9	40 2	19 15	25 20	20 -1	1 -8	10 -2	30 -9	10 -11	3 -11	4 -11	1 -15	20.5 3.1		
KENSAL WILDLIFE REFUGE	MAX MIN	33 24	28 17	32 7	50 29	54 26	27 16	32 13	50 14	46 34	49 29	45 17	20 8	17 -5	13 -5	18 -5	17 -4	19 9	23 0	29 -4	39 10	31 5	27 20	5 -5	32 -5	1 -17	1 -1	5 -3	4 -11	12 -22	27.3 6.7		
LANGOON EXP FARM	MAX MIN	27 17	22 14	23 7	47 18	40 22	24 14	24 15	40 31	39 14	41 25	35 14	10 -1	7 -8	20 -5	23 0	22 8	16 8	20 12	34 0	17 8	23 13	14 -8	3 -15	17 -10	25 -3	13 -8	12 -7	11 -6	6 -17	22.3 5.3		
LARIMORE	MAX MIN	34 23	34 18	26 8	58 24	58 27	28 17	29 7	40 18	47 24	50 28	40 19	13 11	9 -8	8 -8	20 0	21 1	22 10	19 8	24 12	38 10	23 7	30 18	20 -6	6 -9	10 -9	30 -2	13 -3	15 -3	7 -16	26.6 7.7		
LEEDS	MAX MIN	30 18	24 15	27 2	55 24	42 14	24 10	31 15	46 32	41 15	44 26	39 13	14 3	12 -8	10 -8	15 6	19 -10	19 -5	20 -20	27 6	36 4	22 1	23 12	12 -10	4 -13	17 -12	28 -7	2 -10	8 -6	5 -9	11 -25	23.4 2.6	
LINTON	MAX MIN	38 20	27 20	42 2	70 29	65 24	30 15	34 15	54 8	53 30	49 24	41 17	20 12	12 -11	15 -9	15 4	25 -22	25 -2	25 -8	34 -5	36 23	34 24	30 24	10 -3	29 -9	33 -4	5 -8	8 -9	17 -16	29.4 6.1			
LISBON	MAX MIN	37 18	43 18	31 3	63 26	64 16	49 8	31 18	45 17	46 35	48 26	48 21	24 11	21 -2	12 -3	18 -4	20 8	20 6	29 -4	37 19	31 12	31 21	28 -2	7 -4	20 -8	34 -10	8 -8	10 -3	20 -16	30.1 8.9			
LOSTWOOD 12 N	MAX MIN	29 17	18 12	28 -1	50 26	42 16	22 8	30 18	44 35	44 26	39 26	37 2	6 0	4 -12	8 -13	8 -2	13 -16	10 -6	11 -13	35 -7	39 2	24 7	22 10	9 -3	23 -10	28 -13	5 -8	4 -14	1 -13	12 -14	21.2 0.8		
MAODOCK AGR SCHOOL	MAX MIN	33 20	25 17	28 3	58 27	54 24	25 15	29 11	45 15	45 32	41 27	46 14	17 7	12 -6	10 -8	15 -7	19 -7	18 -2	19 -11	27 -4	37 9	24 3	23 13	14 -9	5 -11	17 -11	27 -3	0 -9	5 -5	6 -9	11 -23	24.4 4.3	
MANOAN EXP STATION	MAX MIN	43 25	31 17	24 5	39 32	69 22	32 12	28 13	55 34	50 28	48 11	19 12	4 -10	11 -9	5 -13	10 -3	20 -7	39 8	36 18	25 17	30 19	25 19	32 -5	5 -15	34 -1	26 -11	1 -9	2 -7	0 -9	15 -20	25.0 4.9		
MANOAN FT LINCOLN PARK	MAX MIN	32 25	35 15	39 7	70 33	58 22	30 12	32 13	55 34	53 28	50 28	36 11	15 10	8 -10	9 -9	11 -13	14 -3	13 0	22 -9	34 -8	40 18	34 17	29 19	19 -5	8 -15	25 -1	32 -1	3 -11	2 -9	0 -7	15 -20	27.4 4.9	
MARMARTH	MAX MIN	32 23	57 5	68 28	59 27	35 12	31 7	56 12	54 32	41 30	47 30	42 13	12 3	6 -20	12 -5	12 -7	17 -11	19 -16	17 -10	47 0	43 12	40 5	16 9	16 9	39 9	34 8	8 -8	9 -8	9 -18	24 -3	31.0 4.8		
MAX	MAX MIN	33 20	28 14	21 3	35 11	54 30	32 12	26 13	33 28	50 30	47 30	47 10	16 3	10 -9	7 -8	10 0	15 -16	15 -11	14 -9	17 -3	39 1	24 7	27 20	22 -9	2 -8	5 -8	30 -4	17 -12	2 -10	1 -15	22.4 2.8		
MAYVILLE	MAX MIN	32 25	27 19	25 9	54 25	53 32	18 22	26 14	40 25	46 28	49 23	42 15	23 15	16 0	12 1	23 3	18 14	22 13	25 10	37 12	26 6	30 20	20 -4	7 -8	28 -8	8 -14	14 -3	11 -3	9 -16	26.3 10.1			
MC CLUSKY	MAX MIN	34 22	24 15	33 10	60 31	50 20	25 15	31 12	52 17	47 34	45 28	37 12	12 6	8 -8	12 -9	10 -1	16 -15	15 -2	18 -7														

DAILY TEMPERATURES

NORTH OAKOTA
NOVEMBER 1955

Table 5 - Continued

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX	33	23	54	68	55	32	35	56	52	46	39	12	7	6	7	8	12	19	45	44	34	34	12	16	35	35	5	5	9	18	28.5	
	MIN	22	13	5	32	24	14	8	11	32	30	11	6	-14	-7	-12	-9	-7	0	33	22	34	12	-2	-1	1	0	-9	-7	-11	-10	6.5	
NEW SALEM 1 S	MAX	30	24	40	69	52	30	33	55	43	45	40	12	6	10	10	12	12	16	39	41	30	27	11	7	26	35	3	1	3	15	25.9	
	MIN	21	11	5	39	20	12	11	17	33	33	9	3	-6	-8	-8	-16	-3	-6	0	21	17	9	-4	-4	-6	-3	-11	-10	-9	-12	5.2	
NEWTOWN	MAX	33	24	33	62	54	27	32	53	50	44	40	14	6	8	9	13	12	15	32	40	29	26	13	8	25	29	2	-2	0	16	24.9	
	MIN	21	15	1	27	22	12	10	10	36	36	6	4	-10	-10	-2	-15	-2	-8	-8	11	8	13	-8	-6	-2	-3	-10	-10	-11	-17	3.7	
OAKES	MAX	39	40	29	36	63	58	21	32	43	48	52	27	25	12	19	19	18	22	30	38	41	32	31	12	12	24	39	4	11	12	29.6	
	MIN	16	16	6	10	26	16	16	16	20	26	25	15	2	-1	6	-5	-5	6	2	4	19	20	2	-1	-6	-6	-5	-2	-1	-17	7.3	
PARK RIVER	MAX	34	28	25	50	50	29	29	46	45	50	40	17	13	9	19	22	22	18	22	23	20	28	20	3	13	29	8	16	15	6	25.0	
	MIN	24	18	8	24	18	18	18	19	32	30	17	10	-3	-3	6	3	14	3	15	13	8	19	-4	-8	-9	8	-4	-3	-1	-11	9.3	
PARSHALL	MAX	31	22	34	62	50	27	34	51	49	40	39	10	7	10	10	13	13	17	38	38	29	26	14	12	27	27	0	-2	4	13	24.8	
	MIN	20	12	-1	28	21	12	8	16	32	27	7	4	-12	-12	-2	-30	-5	-11	-9	7	8	12	-10	-9	-3	-7	-11	-10	-10	-19	1.8	
PEMBINA 2 N	MAX	33	28	28	45	45	30	28	35	38	39	45	45	20	20	30	30	24	18	23	34	33	32	26	3	10	27	27	24	14	6	28.0	
	MIN	23	17	9	21	27	18	20	17	28	29	20	7	-12	-2	7	12	14	10	10	14	0	10	-6	-18	-15	7	-4	-2	-2	-21	8.1	
PETERSBURG	MAX	29	25	23	55	47	24	27	43	44	47	39	18	10	6	18	19	18	16	22	35	22	26	17	1	14	29	9	10	10	6	23.6	
	MIN	20	15	4	22	24	15	15	17	32	26	17	10	-7	-5	5	-2	7	2	15	10	3	17	-8	-13	-10	0	-4	-5	-5	-14	6.8	
PETTIBONE	MAX	34	26	35	65	51	24	30	49	47	41	38	16	15	11	12	16	17	21	31	34	27	25	17	-1	21	28	0	3	3	13	25.0	
	MIN	23	16	4	28	21	11	8	12	34	20	14	7	-12	-9	5	-13	4	-4	-4	10	9	15	-7	-11	-15	0	-10	-19	-8	-20	3.6	
PORTAL	MAX	35	24	18	39	50	22	22	33	43	44	40	11	7	4	8	11	15	8	39	17	28	18	-4	13	34	3	-5	-7	5	19.8		
	MIN	20	15	-1	16	21	8	6	8	28	29	5	1	-9	-10	1	-14	-9	-8	-7	3	4	14	-14	-14	-4	3	-13	-13	-19	-18	1.0	
POWERS LAKE 1 N	MAX	26	15	30	60	43	28	29	42	44	39	35	9	4	10	11	11	12	38	38	27	24	2	8	25	34	-7	-7	-7	15	21.5		
	MIN	13	6	-11	28	15	8	5	13	32	25	1	-1	-12	-16	1	-27	-12	-17	-10	3	8	2	-16	-12	-2	-10	-16	-16	-14	-20	-1.8	
RAUS 10 SSW	MAX	36	22	38	64	60	27	34	50	53	42	39	12	8	11	11	13	13	15	43	35	29	25	15	12	30	40	10	0	1	15	26.8	
	MIN	25	15	9	36	22	14	13	17	22	29	7	5	-10	-10	1	-10	-1	0	4	24	19	9	-4	0	1	-10	-10	-9	-8	9	6.4	
RICHARDTON ABBEY	MAX	35	24	45	67	54	33	34	55	51	44	40	12	7	7	7	10	11	15	40	44	30	29	13	5	27	37	2	0	5	14	26.6	
	MIN	22	13	6	36	23	14	11	16	35	34	10	5	-13	-9	-5	-12	-4	-2	4	29	21	13	-3	-1	-1	-1	-10	-9	-4	-10	6.9	
RIVEROALE	MAX	37	29	22	37	62	32	27	33	52	48	45	17	11	5	11	10	12	12	15	43	33	27	24	4	7	31	29	0	0	3	23.9	
	MIN	26	17	8	13	32	16	15	16	28	33	13	5	-2	-4	0	-14	-6	-7	-2	2	13	19	-1	-2	-5	2	-9	-10	-8	-13	5.8	
ROLLA	MAX	31	24	25	47	39	22	27	41	42	39	36	11	11	10	15	18	19	18	27	34	17	22	17	3	16	26	5	9	7	10	22.3	
	MIN	17	15	8	22	20	15	10	17	34	27	8	-2	-9	-5	5	-5	-5	-10	15	7	8	14	-7	-12	-5	-3	-9	-5	-7	-9	5.0	
RUGBY	MAX	32	25	27	57	51	25	28	46	45	44	40	16	12	11	15	19	18	20	27	38	23	22	14	5	20	26	-1	6	7	12	24.3	
	MIN	18	16	3	26	24	-2	10	18	33	25	13	6	-5	-7	10	-8	-3	-11	2	10	5	14	-8	-12	-5	-2	-10	-4	-6	-18	4.4	
SAN HAVEN	MAX	28	22	23	50	43	21	29	40	42	42	37	12	8	10	16	19	17	16	21	35	30	20	18	11	18	25	-4	11	9	10	22.6	
	MIN	19	15	5	21	21	15	11	18	35	26	12	0	-8	-7	6	-10	-2	-6	14	8	16	16	-9	-8	-3	-5	-10	-5	-10	-14	5.5	
SHARON	MAX	32	25	27	59	52	26	30	45	44	50	38	19	15	9	22	19	21	20	25	36	26	26	18	3	14	30	0	11	9	10	25.4	
	MIN	23	18	4	25	25	15	16	15	33	26	18	12	-6	-5	8	-2	5	3	7	6	6	6	-4	-10	-11	-1	-9	-4	-5	-17	6.6	
STANLEY	MAX	27	17	31	57	45	23	31	46	45	39	24	9	3	17	7	14	8	11	33	34	25	23	10	5	23	32	-5	-5	3	10	21.1	
	MIN	14	11	-1	20	16	9	7	15	31	22	3	-1	-13	-10	2	-8	-5	-14	-11	11	12	8	-14	-10	-5	-8	-15	-14	-13	-19	0.7	
STEELE	MAX	35	33	38	69	53	27	34	52	49	45	40	19	18	15	12	15	23	23	34	38	30	27	20	6	31	4	5	4	17	28.1		
	MIN	20	9	3	20	20	11	9	10	32	24	10	5	-13	-10	0	-17	0	-8	-8	15	10	10	-8	-10	-2	-12	-10	-9	-7	-20	1.9	
TIOGA 1 E	MAX	35	25	21	37	58	25	24	29	49	48	45	10	7	2	13	6	10	8	10	39	26	25	19	2	10	33	6	-3	-4	-2	20.4	
	MIN	17	13	-3	13	19	12	7	7	23	28	3	1	-13	-14	0	-22	-6	-11	-8	-4	3	15	-15	-15	-1	3	-15	-15	-15	-16	-0.3	
TOWNER	MAX	33	27	28	58	45	27	29	48	47	47	48	15	12	12	17	20	15	18	32	37	25	27	17	4	22	25	-1	5	3	15	25.2	
	MIN	20	14	2	26	22	13	10	25	33	33	13	4	-6	-8	-8	-8	-15	1	5	5	13	-10	-17	-2	-4	-10	-5	-12	-20	3.9		
TURTLE LAKE	MAX	36	27	33	60	53	27	34	52	48	45	37	15	10	13	11	15	15	20	30	40	28	26	17	5	20	31	-1	2	2	15	25.5	
	MIN	22	14	4	14	22	12	11	17	25	28	10	5	-8	-9	-4	-15	-9	-10	-9	1	8	12	-8	-9	-10	-3	-13	-10	-7	-19	2.1	
UNDERWOOD	MAX	38	27	21	35	62	34	28	32	53	49	35	18	13	5	12	12																

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
NOVEMBER 1955

Table 7

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALMONT 7 SW	SNOWFALL SN ON GND	T											3.7 3	3	5.8 9	2.6 12	T	12	12	12	12	10	9	4.5 13	13	0.8 14	14	T	14	14	14	14	1.0 15	
AMENIA	SNOWFALL SN ON GND	T	T					0.1 T								3.0 2	1.0 3	3	0.1 3	3	1	1	0.1 1	0.2 1	1	0.2 1	1	1	1	2.0 3	3	3		
AMIOON	SNOWFALL SN ON GND		T	T									2.0 2	2	2	4.0 6	T	6	6	6	6	3	2	1.0 2	T	2	2	T	T	2	T	2		
ASHLEY	SNOWFALL SN ON GND						T	T					1.0 1	1	0.5 2	1.0 3	T	3	3	1	1	1	1	T	1	1	1	1	1	T	1	1		
BEACH	SNOWFALL SN ON GND	T	T	T									1.5 2	0.5 2	0.5 2	1.5 3	1.0 4	0.3 4	4	3	T	T	1.0 1	0.2 1	1	1	T	0.5 1	0.5 1	1	1	1		
BELCOURT INDIAN RES	SNOWFALL SN ON GND	T	2	2	2	1	T	T	T	T			2.0 2	2	1.0 2	2.5 6	0.5 6	T	6	6	6	6	6	2.0 8	8	T	8	T	8	T	T	6	5	
BELFIELD	SNOWFALL SN ON GND	T	T										- 4	-	-	-	T	9	9	9	9	6	-	T	T	6	T	T	6	6	6	6		
BEULAH	SNOWFALL SN ON GND		T										1.0 1	1.0 2	1.0 3	4.0 7	7	7	7	7	7	7	1.0 8	8	T	1.0 9	9	9	9	9	T	9		
BISBEE	SNOWFALL SN ON GND	T	2	2	2		T	T	T				2.0 2	2	2.0 4	3.5 8	0.4 8	8	8	8	8	8	1.0 9	1.5 10	10	10	10	T	10	10	10	10	10	
BISMARCK WB AP	SNOWFALL SN ON GND WTR EQUIV	T	T	T								T	2.3 T	2	6.6 0.1	0.4 0.2	0.2 0.5	6	6	6	6	6	6	3.4 0.4	6	1.0 0.7	0.8 0.8	0.8 0.9	0.8 0.9	0.8 0.9	0.8 0.9	0.8 0.9	0.8 0.9	
BOTTINEAU	SNOWFALL SN ON GND	0.6 2	1.4 3	0.1 3	3	3	1.1 2	T	2	2	T				1.8 2	2.9 5	0.5 6	0.1 6	T	6	6	6	0.1 6	0.1 6	T	6	6	6	0.6 6	6	6	6	6	
BOWBELLS	SNOWFALL SN ON GND	-	T	T	-	-	-	-	-	-	-	-	T	0.5 T	T	8.0 8	1.0 9	0.5 9	8	8	7	T	T	7	7	T	T	T	7	7	1.0 7	7	7	
CENTER	SNOWFALL SN ON GND	T	T	T									2.0 2	2	3.5 6	2.5 8	T	8	8	8	8	6	6	2.0 8	8	0.5 9	8	0.5 9	9	8	8	8	8	
CROSBY	SNOWFALL SN ON GND	T	5	4	3	1	2.2 3	T	2	1	1	T	1.0 1	1	4.8 6	3.7 10	0.5 7	6	5	T	5	5	0.3 5	T	4	4	4	4	0.4 4	4	T	4	4	
DEVILS LAKE WB CITY	SNOWFALL SN ON GND	T	3	2	1	1	T	0.6 T	T	1	T	T	1.6 T	2	4.1 6	2.0 8	1.1 8	0.1 7	0.2 7	6	5	0.9 5	8.3 9	12	11	10	T	10	10	0.5 11	0.4 11	T	T	
DICKINSON CAA AP	SNOWFALL SN ON GND	T	T	T		T							1.7 1	2	4.0 3	0.2 6	6	6	6	6	1	0.2 1	0.9 2	2	0.2 2	2	0.4 2	2	0.1 2	T	T	2	2	
DICKINSON EXP STATION	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	2.0 -	2.0 -	4.0 -	10.0 -	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DUNN CENTER 2 SW	SNOWFALL SN ON GND												-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EDMORE 1 W	SNOWFALL SN ON GND	T	3	3	T	T	T	T	T			0.5 1	1	3.0 4	4.0 7	3.0 10	1.0 10	0.2 10	T	8	7	7	7.0 7	14	14	14	14	14	14	14	15	15	15	
ELLENOALE	SNOWFALL SN ON GND		T				T		T	T	T				T	2.5 2	T	T	T	T	1	T	T	T	T	T	T	T	T	T	T	T	T	
FARGO WB AP	SNOWFALL SN ON GND WTR EQUIV	T	T			T	T	0.3 T	T	T			T	T	T	2.3 T	0.9 2	T	2	2	2	2	0.1 1	0.1 1	1	1	1	1	1	0.6 1	1.7 2	T	T	2
FORT YATES	SNOWFALL SN ON GND												3.0 3	3	2.0 5	5	5	5	4	3	2	2	1.0 3	3	3	3	3	3	3	3	3	3	3	
FOXHOLM 7 N	SNOWFALL SN ON GND	T	2	2	2								2.0 2	2	2.0 4	9.0 11	1.0 12	T	12	12	10	10	10	10	10	10	10	10	10	10	10	10	10	
FULLERTON	SNOWFALL SN ON GND						T	T					T	0.3 T	T	2.2 2	T	2	2	2	2	T	T	T	T	T	T	T	T	T	T	T	T	
GARRISON	SNOWFALL SN ON GND	3	2	-	1								0.5 -	-	0.6 -	4.8 -	T	-	-	-	-	-	0.2 -	0.6 -	-	-	-	-	-	-	-	-	-	
GRAFTON	SNOWFALL SN ON GND	1.5 2	T	T	2	1	1	T	0.8 2	2	0.1 1	1	1	1	2.5 3	1.4 3	5.1 9	1.0 10	1.0 10	0.2 10	10	10	1.5 11	2.6 14	14	14	14	14	14	14	15	15	15	
GRAND FORKS CAA AP	SNOWFALL SN ON GND	0.2 T	T			T	0.3 T	0.3 T				T	0.6 T	1	3.3 4	1.7 6	3.2 9	T	0.4 9	9	0.1 8	1	2.0 7	8	0.4 8	8	0.3 8	0.4 8	1.9 8	9	9	9	9	
GRAND FORKS UNI	SNOWFALL SN ON GND	T	T	T		T	0.2 T	T	T	T		T	T	0.8 1	3.6 4	2.6 11	1.5 11	T	0.1 11	0.1 11	T	3.0 8	0.2 8	0.1 8	0.2 8	0.7 8	0.7 8	0.7 8	0.7 8	0.7 8	0.7 8	0.7 8		
GRANVILLE	SNOWFALL SN ON GND	T	1	1	1		T						1.0 1	1	3.0 4	7.0 11	T	T	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
HANSBORO	SNOWFALL SN ON GND	T	2	2	2	2	T	T	T			T	2.4 2	2	3.0 5	6.0 11	1.0 12	T	12	12	12	12	0.2 12	3.0 15	15	15	15	15	15	15	15	15	15	
HETTINGER	SNOWFALL SN ON GND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JAMESTOWN CAA AP	SNOWFALL SN ON GND	T	T	T			T	T	T				0.3 T	T	T	2.0 2	T	1	1	1	1	1	3.3 4	0.5 5	5	5	5	5	5	5	5	5	5	
KENSAL WILDLIFE REFUGE	SNOWFALL SN ON GND	T	T				T						1.0 1	3.0 4	1.0 5	2.0 7	T	T	7	7	7	4	3.0 4	7	1.5 8	8	T	8	T	8	1.0 9	9	9	
KILLDEER 8 NW	SNOWFALL SN ON GND	4.0 6	T	6	3								2.0 2	2	3.0 5	3.0 8	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
MANDAN EXP STATION	SNOWFALL SN ON GND		T										2.5 2	0.5 2	2.8 5	5.3 10	9	9	9	8	7	6	2.5 9	8	0.5 8	1.5 9	7	7	6	6	6	6		
MAYVILLE	SNOWFALL SN ON GND	T	T										T	T	2.5 2	1.7 4		3	3	3	3	0.4 3	1.0 4	0.7 4	4	4	4	4	4	4	4	4		
MC CLUSKY	SNOWFALL SN ON GND	0.2 T	T	T									2.0 2	2	3.0 5	3.0 8	0.1 8	8	8	8	7	7	4.8 11	11	11	11	10	10	0.3 10	10	10	10		
MC HENRY 5 N	SNOWFALL SN ON GND	0.2 1	T	1	1		0.3 T	T					0.3 T	1.0 1	1.5 2	2.0 4	0.4 4	0.1 4	4	4	4	4	3.0 7	0.3 7	7	7	7	7	7	7	7	7	7	

See reference notes following Station Index.

Table 7 -CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
NOVEMBER 1955

Station		Day of month																																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
MEDORA 3 NNE	SNOWFALL SN ON GND	T	T							T	T	3.0 3	3.0 3	3	3.5 7	1.7 6	T	6	6	6	T	5	1.0 6	6	0.3 6	5	1.0 6	6	5	5	5				
MINOT CAA AP	SNOWFALL SN ON GND	T	0.3 1	T	1	T					T		1.6	2	4.0 2	2.4 8	0.2 8	T	8	8	T	8	0.3 8	0.1 7	T	6	0.6 6	6	0.2 6	T	6	T	6		
MINOT EXP STATION	SNOWFALL SN ON GND	0.5 2	T	T	2	2	T						T	1.5 2	0.5 2	7.0 9	0.5 9	0.2 9	7	7	7	6	6	0.2 6	6	6	0.1 6	0.2 6	6	T	6	0.2 6	6		
MOHALL	SNOWFALL SN ON GND	T	-	-	T		T						1.5 2	2	3.5 5	5.0 10	2.0 12	12	12	12	11	0.5 12	9	9	8	8	T	8	8	8	8	8	8		
MONTPELIER	SNOWFALL SN ON GND	T	T					T					0.3 T	T	T	1.5 2	2	T	2	2	2	1	T	2.5 3	T	T	T	T	T	T	T	T	T		
MOTT	SNOWFALL SN ON GND	T	T										3.0 3	3	3.0 6	1.0 7	1.0 8	8	8	8	6	4	4	6	6	6	6	T	6	6	6	6	T	6	
MUNICH 4 SW	SNOWFALL SN ON GND	T	T	2	2	2	T		T	T			2.0 2	2	1.0 3	4.0 7	0.5 7	T	T	7	7	7	7	T	4.0 11	11	11	11	11	11	11	11	11	11	
NAPOLEON	SNOWFALL SN ON GND												2.0 2	2	2.0 4	1.0 5	5	5	5	5	5	4	4	3.0 7	7	7	7	7	7	7	0.5 7	7	7	7	
OAKES	SNOWFALL SN ON GND								T				T	T	T	1.5 2	T	1	T	1				T		0.3 T	T	T	T	T	T	T	T	T	
PARSHALL	SNOWFALL SN ON GND	2.0 2	0.5 3	3		T					T		1.0 1	1	4.0 5	3.5 9	0.5 9	9	9	9	9	9	9	T	T	0.5 10	10	0.5 10	10	0.2 10	10	10	10	10	
PETERSBURG	SNOWFALL SN ON GND	-	-	-				T					1.1 1	0.8 2	2.0 3	1.3 5	0.2 5	5	5	5	5	4	4	3.1 7	7	7	7	0.3 7	0.3 7	0.4 8	8	8	8	8	
PETTIBONE	SNOWFALL SN ON GND	T	T										1.0 1	1.0 2	1.0 3	3.0 6	T	6	6	6	5	5	5	3.0 8	8	2.0 10	10	T	9	1.0 8	8	8	8	8	
PRETTY ROCK	SNOWFALL SN ON GND		T						T				2.0 2	2	4.0 6	2.0 7	1.0 8	T	6	6	5	4	3	T	3.0 6	T	1.0 7	1.0 7	0.5 8	T	7	T	7	7	
RICHARDTON ABBEY	SNOWFALL SN ON GND	T	T										2.5 2	2	4.3 6	1.6 7	0.2 6	T	6	6	4	2	2	1.8 3	0.6 4	0.1 3	2	2	2	2	2	2	2	2	
RIVERDALE	SNOWFALL SN ON GND	0.5 2	T	T	1								T	2.0 2	1.0 3	5.0 8	T	1.0 9	8	8	T	4	1.0 5	T	T	T	T	T	T	T	T	T	T		
ROLLA	SNOWFALL SN ON GND	1.0 -	T	T	3	0.5 1	1	1	T		T		2.0 2	T	2.0 4	4.0 8	1.0 9	T	0.2 9	9	9	9	9	9	1.2 10	10	10	10	10	10	10	0.7 11	0.3 11	11	11
SAN HAVEN	SNOWFALL SN ON GND	0.2 1	0.6 1	1	T	0.4 T	0.2 T	T	T				1.3 1	1	0.7 2	4.0 6	0.7 7	T	0.2 7	7	7	7	7	T	7	7	7	7	7	7	0.9 8	8	8	8	
SHARON	SNOWFALL SN ON GND	T	T				T	T					0.5 1	1	2.5 3	3.0 6	T	6	6	6	6	6	0.3 6	4.0 10	10	2.0 12	T	T	T	T	T	T	12	12	
STANLEY	SNOWFALL SN ON GND	5.0 5	T	5		T							2.0 2	2	9.0 11	T	T	9	9	7	7	7	7	7	6	T	6	6	6	6	6	6	6	6	
UPHAM 3 N	SNOWFALL SN ON GND	T	T	1.5 -	-	T	T	-	-	-	-	-	3.0 -	3	1.0 4	8.0 12	T	12	12	12	12	12	12	T	T	12	12	12	12	12	12	T	12	12	
VALLEY CITY	SNOWFALL SN ON GND	T	-	-	-	T	T	T	-	0.8 -	-	-	0.1 -	-	-	1.5 -	0.2 -	-	-	-	-	-	-	-	0.7 -	-	0.2 -	-	-	0.3 -	-	-	-	-	-
WAHPETON STATE SCHOOL	SNOWFALL SN ON GND					T	T	1.2 1					0.5 T		2.5 3	T	T	T	2	2	T		T	T		T			0.5 1	0.3 1	1	1			
WESTHOPE	SNOWFALL SN ON GND	T	T	-	-	T	-	-	-	-			1.5 2	2	5.0 7	7.5 14	-	-	-	-	-	-	1.0 -	-	-	-	-	1.0 8	8	0.5 9	-	8			
WILLISTON WB CITY	SNOWFALL SN ON GND WTR EQUIV	0.1 T	T	T		0.3 T	T						1.5 T	2	2.5 5	1.1 6	0.3 6	T	6	6	6	6	T	2	T	2	2	0.2 4	2	2.0 4	4	T	4	T	4
WILLOW CITY	SNOWFALL SN ON GND	T	T	1		T	T	T					2.0 2	2	4.0 6	2.0 8	T	8	8	7	7	7	6	T	T	6	6	T	T	5	5	5	5	5	

STATION INDEX

NORTH DAKOTA
NOVEMBER 1955

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Observer	Refer to tables
Adams 7 S	0022	Walsh	10	48 20	98 06	1554	SP	Myron J. Hata	3
Alexander	0086	McKenzie	13	48 50	103 38	2500	7P	Arthur J. Hansen	2 3 5 7
Almont 7 SW	0136	Morton	4	46 43	101 39	2500	7P	U.S. Border Station	2 3 5 7
Amesbury 3 N	0189	Divide	12	49 00	103 28	2027	SS	Virgil L. Gabeke	2 3 5 7
Anecia	0196	Cass	11	47 00	97 13	1860	SS	Virgil L. Gabeke	2 3 5 7
Anidoe	0209	Slope	1	46 29	101 19	2810	9A	Adriae R. Waller	2 3 5 7 C
Archer	0263	Sottineau	12	46 20	100 20	1540	9A	W. H. Regeer	2 3 5 7 C
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	8P	GP Albert Thoree	2 3 5 7
Ashley	0382	McIntosh	8	46 02	99 22	2025	SS	SS So. Line Agent	2 3 5 7 C
Baldhill Dam	0450	Harcourt	11	47 29	98 02	1300	MID	Corps of Engineers	2 3 5 7 C
Balfour	0462	McNeely	12	47 37	100 32	1615	MID	Raymond B. Weller	3 C
Balta	0500	Pierce	11	48 10	100 02	1550	9A	Anton Schallert	3
Bantry	0516	McNeely	12	48 30	100 36	1458	9A	Temple E. Roberts	3
Beach	0590	Golden Valley	7	46 55	104 01	2814	6A	Selen Tobias	2 3 5 7 C
Belcourt Indian Res.	0626	Sottineau	8	48 50	99 45	1960	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C
Bellevue	0639	Stark	4	46 53	101 11	2592	7P	Carl Iedergard	2 3 5 7
Bertbold	0729	Ward	12	48 19	101 44	2080	6P	Joseph S. Cox	2 3 5 7 C
Boulab	0766	Merced	6	47 18	101 47	1780	6A	Acet. Dak. Dtl. Co	2 3 5 7 C
Sisbee	0796	Towner	4	48 37	99 22	1600	6P	Robert J. Erick	2 3 5 7 C
Hismarch W. Airport	0819	Burleigh	6	46 16	100 45	1650	MID	U.S. Weather Bureau	2 3 5 7 C
Sismarch 12 ENE	0827	Burleigh	8	48 51	100 33	1709	8A	KFVR Transmitter	3
Sottineau	0941	Hottelau	12	48 50	100 27	1640	8A	N.D. Sch. of Frstry	2 3 5 7
Sorbell	0961	Stark	12	48 48	102 15	1953	8A	Felix L. Adams	2 3 5 7
Sovane Court House	0993	Sovane	3	46 11	103 23	1980	SP	G. H. Book	2 3 5 7 C
Sovane 11 SE	0998	Sovane	3	46 04	103 18	2810	GP	Bernard L. Donagala	2 3 5 7
Sovane 30 NW	1001	Slope	7	46 35	103 31	2505	5P	John H. Baese	3
Steele	1052	Ward	1	46 24	100 56	1720	MID	Frank E. Potter	3 C
Stewart	1054	Stewart	11	47 04	98 48	1840	W. F. B. Headlee	3 C	
Burt 16 N	1216	Bettiger	1	46 36	102 08	2344	GP	Jacob Gruebele	2 3 5 7
Butte	1225	McLea	12	47 50	100 40	1880	8A	Earl R. Ward	2 3 5 7
Cando	1288	Towner	2	48 29	89 12	1481	MID	Harry S. Harris	2 3 5 7 C
Carriington	1360	Foster	5	47 27	99 08	1586	8A	Andrew C. Reitz	2 3 5 7 C
Cass	1405	Grant	4	46 23	101 34	1980	MID	Vincent Muggli	2 3 5 7 C
Cassone No. 2	1370	Grant	4	46 25	101 34	2310	8A	Wm. O. Drummond	2 3 5 7 C
Cavaler	1435	Pembina	9	48 48	97 38	889	GP	Willie Hansen Pico	2 3 5 7
Center	1456	Oliver	8	47 07	101 18	2100	7P	Fred L. Hertz	2 3 5 7
Coigate	1686	Steele	10	47 14	97 39	1180	GP	John P. Surchill	2 3 5 7
Columbus	1698	Burke	12	48 54	102 47	1930	7A	D. Sundell	2 3 5 7
Cooperstown	1768	Griggs	11	47 26	98 07	1428	SP	Oeland M. Marson	2 3 5 7
Courtenay	1816	Stutsman	5	47 13	98 34	1523	SP	G. H. Hanawalt	2 3 5 7
Crosby	1871	Divide	12	48 54	103 18	1952	GP	Thomas C. Allen	2 3 5 7 C
Devils Lake City	2018	Kidder	9	46 55	99 45	1451	MID	U.S. Weather Bureau	2 3 5 7 C
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2589	MID	U.S. Civil Aero Adm	2 3 5 7 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	Dickinson Exp. Sta.	2 3 5 7 C
Dunbrook	2242	Ward	12	48 31	101 33	1760	GP	Fred E. Feldner	2 3 5 7
Dunbrook	2245	Ward	12	47 55	100 22	1920	8A	Ed. J. Vance	2 3 5 7
Dunn Center 2 SW	2365	Duan	12	47 20	102 38	2232	7A	Cheney M. Dinkins	2 3 5 7
Eckman 2 SE	2472	Stutsman	12	48 38	101 01	1485	7A	John M. Zuercher	2 3 5 7
Eckley Exp. Farm	2485	Stutsman	5	46 20	98 45	1468	8A	W. D. Agra	2 3 5 7
Edmore 1 W	2525	Ramsey	2	48 28	98 28	1520	SP	Mike Davis	2 3 5 7 C
Elgie 5 S	2592	Grant	1	46 21	101 49	2241	GP	Art A. Kallinger	2 3 5 7
Ellendale	2605	Divide	5	46 00	98 31	1460	SP	Paul Gross	2 3 5 7
Ellendale	2605	Ramsey	11	46 35	97 38	1120	7A	Leonard Peterose	2 3 5 7
Ellendale	2735	Williams	8	48 17	103 21	2224	GP	E. P. Carpenter	2 3 5 7
Emond	2767	Kenosha	11	48 02	99 46	1650	MID	Lyle D. Fering	2 3 5 7 C
Fairfield	2808	Sillings	7	47 11	103 13	2750	GP	John Petryszak	2 3 5 7
Fargo WS Airport	2853	Cass	10	46 54	102 46	895	MID	U.S. Weather Bureau	2 3 5 7 C
Ferndale	2868	Walsh	5	47 38	99 44	1920	8A	George M. Sinclair	2 3 5 7
Flaxton	3019	Burke	12	48 54	102 23	1940	GP	Palmer M. Dushan	2 3 5 7
Forbes 13 NW	3064	Divide	5	46 04	98 56	1989	GP	Theodore A. Wirth	2 3 5 7
Forsyth	3117	Sargent	5	46 06	97 39	1249	GP	Art Waterman	2 3 5 7
Forsyth	3207	Stark	12	48 31	100 34	1609	GP	John C. Cooperativet	2 3 5 7 C
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	SP	U.S. Wildlife Ref.	2 3 5 7
Fryburg 1 NE	3277	Sillings	4	46 53	103 18	2742	MID	Elmer Stubbs Miller	2 3 5 7
Fullerton	3287	Divide	5	46 10	98 25	1438	GP	F. O. Ains	2 3 5 7
Hackley	3309	Logan	9	46 38	99 08	1951	GP	Alvin Hummel	2 3 5 7
Garrison	3376	McLea	8	47 38	101 25	1911	7A	Albert J. Seirele	2 3 5 7
Gleedville	3496	Morton	4	46 49	101 49	2091	MID	Frederick J. Amorn	2 3 5 7
Glen Dale 13 N	3501	Merced	6	47 00	101 47	2221	GP	Christ Schilling	3
Golden Valley 10 S	3529	Merced	6	47 10	102 03	1870	GP	Robert H. Backfisch	2 3 5 7
Grand City	3593	Walsh	5	47 33	98 48	1485	MID	Ida Henderud	2 3 5 7
Gratloe	3594	Walsh	5	48 29	97 25	827	SP	Gratloe State School	2 3 5 7 C
Grand Forks CAA AP	3616	Grand Forks	10	47 56	97 00	932	MID	U.S. Civil Aero Adm	2 3 5 7 C
Grand Forks University	3621	Grand Forks	10	47 55	97 05	830	MID	U.S. Deleverty of N.D.	2 3 5 7
Grand Rapids 1 N	3665	La Moure	5	46 28	101 21	1380	GP	Albert J. Nece	2 3 5 7
Greenville	3686	McNeely	12	48 16	100 51	1504	7P	Fred Rohle	2 3 5 7 C
Grassy Butte	3696	McKenzie	7	47 24	103 14	2680	MID	Leo J. Hraun	2 3 5 7 C
Grassy Butte 10 N	3701	McKenzie	7	47 31	103 14	2497	GP	Edsel G. Crist	2 3 5 7
Hackley	3701	McKenzie	7	47 31	103 14	2497	GP	Edsel G. Crist	2 3 5 7
Haley	3836	Bowman	3	45 58	100 08	2695	MID	J. H. Crawford	2 3 5 7
Baldy	3846	Oliver	6	47 21	102 20	2046	GP	John Greecell	2 3 5 7
Hankinson R R Station	3906	McLea	10	46 04	96 54	1575	7A	So. Line Agent	2 3 5 7
Haseford	3826	Griggs	11	47 18	98 12	1428	GP	Del Lee Henson	2 3 5 7
Haseford	3836	Cavaler	9	48 58	98 48	1485	GP	D. S. S. Customs Office	2 3 5 7
Haseford	3963	Towner	9	48 57	99 23	1600	7P	Charles E. Dieber	2 3 5 7
Harvey	4013	Walsh	11	47 46	99 55	1595	GP	Stephen Schreder	3
Haseford 6 N	4072	Adams	1	46 03	102 28	2677	MID	P. J. Swenson	2 3 5 7
Haseford R R Station	4083	Emmons	8	46 36	100 17	1978	MID	W. C. Shaw	2 3 5 7
Hettiger	4178	Adams	3	46 00	102 39	2680	GP	Fred O. Forthun	2 3 5 7 C
Hettiger 17 N	4186	Adams	1	46 15	102 39	2610	MID	O. J. Gerbracht	2 3 5 7
Hillsboro	4203	Trill	10	47 24	97 04	901	GP	Alfred Jahke	2 3 5 7
Hurdfield	4343	Wells	5	47 27	99 55	1915	MID	Ruth Buchwitz	2 3 5 7
Jamestown CAA AP	4413	Stutsman	5	46 55	98 41	1492	MID	D. S. Civil Aero Adm	2 3 5 7 C
Jamestown St. Hospital	4418	Stutsman	5	46 53	98 41	1457	7P	N. D. State Hospital	2 3 5 7
Keene 2 S	4571	McKenzie	7	46 54	102 56	2346	GP	Kenneth V. Berget	2 3 5 7
Keene 2 S	4566	Ward	12	48 48	102 10	1800	8A	Thoe. E. Sch	2 3 5 7
Kenal Wildlife Refuge	4658	Stutsman	5	47 16	98 52	1440	SP	D. S. Wildlife Ref.	2 3 5 7 C
Killdeer 8 NW	4726	Duan	7	47 26	102 53	2240	GP	Leonard J. Davis	3 C
Kramer 5 SE	4823	Sottineau	12	48 39	100 37	1457	MID	Paul A. Kretschmer	2 3 5 7
Kula	4843	La Moure	5	46 18	101 57	1970	GP	John Strobel	2 3 5 7
Langdon Exp. Farm	5002	Sottineau	12	48 38	101 22	1800	GP	Y. Sturges	2 3 5 7
Larimore	5013	Grand Forks	10	47 55	97 38	1134	SP	Benjie Hege	2 3 5 7
Leeds	5078	Reese	2	48 17	99 26	1513	GP	John Pagar	2 3 5 7
Leeds 10 E	5088	Stark	4	46 38	102 21	2545	GP	Joseph Link	2 3 5 7
Lieton	5210	Emmons	8	46 16	100 14	1685	GP	Leonard P. Malone	2 3 5 7
Lisboa	5220	Haseon	11	46 26	97 42	1088	GP	N. D. Soldiers Home	2 3 5 7
Litchville	5236	Haseon	11	46 38	98 11	1487	GP	William H. Rugh	2 3 5 7
Lostwood 1 W	5230	Burke	12	48 33	102 24	2250	GP	Lostwood W. L. Ref.	2 3 5 7
Madock Agril. School	5244	Reese	2	47 53	99 30	1604	GP	Benson C. Agr Sch	2 3 5 7
Mandan Exp. Station	5478	Worce	4	46 48	100 54	1750	SA	Mo. G. P. Field Sta.	2 3 5 7 C
Mandan Ft. Lincoln Park	5484	Worce	8	48 45	100 52	1674	SP	Park Supt.	2 3 5 7
Manding	5518	Duan	8	47 14	102 48	2219	GP	Donald Jefferies	2 3 5 7
Marmarth	5573	Slope	7	46 10	103 55	2219	GP	R. P. Crane	2 3 5 7
Marmarth M.D.U. Co.	5575	Slope	7	46 18	103 55	2710	MID	E. B. Jensen	2 3 5 7
Martin	5610	Sherride	11	47 50	100 07	1610	GP	Elioy E. Kessler	2 3 5 7
Maz	5636	McLea	8	47 48	101 18	2083	8A	R. E. Schaefer	2 3 5 7
Mayville	5660	Trill	10	47 30	97 19	975	GP	H. A. Hagan	2 3 5 7
McCluskey	5710	Sheridan	8	47 20	100 29	1645	GP	Elmer Schielke	2 3 5 7
McGregor R R Station	5720	Williams	8	48 38	102 56	-	MID	L. E. Krickson	2 3 5 7
McHenry 5 N	5730	Hddy	11	47 38	98 35	1508	7P	C. E. Blansky	2 3 5 7
McLeod 3 E	5754	Richland	11	46 54	97 14	1975	7P	Ed. Carlson	2 3 5 7
Medina 1 W	5784	Weldon	10	47 46	98 10	1487	GP	Robert D. Getz	3
Medina 2 SE	5788	Stutsman	8	48 53	98 19	1795	GP	Hudolph Graf	3
Medora 3 NW	5803	Hillings	7	46 53	103 30	2389	MID	CLOSED - - - -	9/28/55
Medora 3 NW	5812	Hillings	7	46 53	103 30	2389	GP	D. S. Natl. Park Serv	2 3 5 7 C
Medora 23 NW	5818	Billings	7	47 03	103 23	2123	7A	Archie & McKee	3
Medora 23 NW	5818	Billings	7	47 03	103 23	2123	7A	Archie & McKee	3
Medora 23 NW	5818	Billings	7	47 03	103 23	2123	7A	Archie & McKee	3
Medora 23 NW	5818	Billings	7	47 03	103 23	2123	7A	Archie & McKee	3
Medora 23 NW	5818	Billings							

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

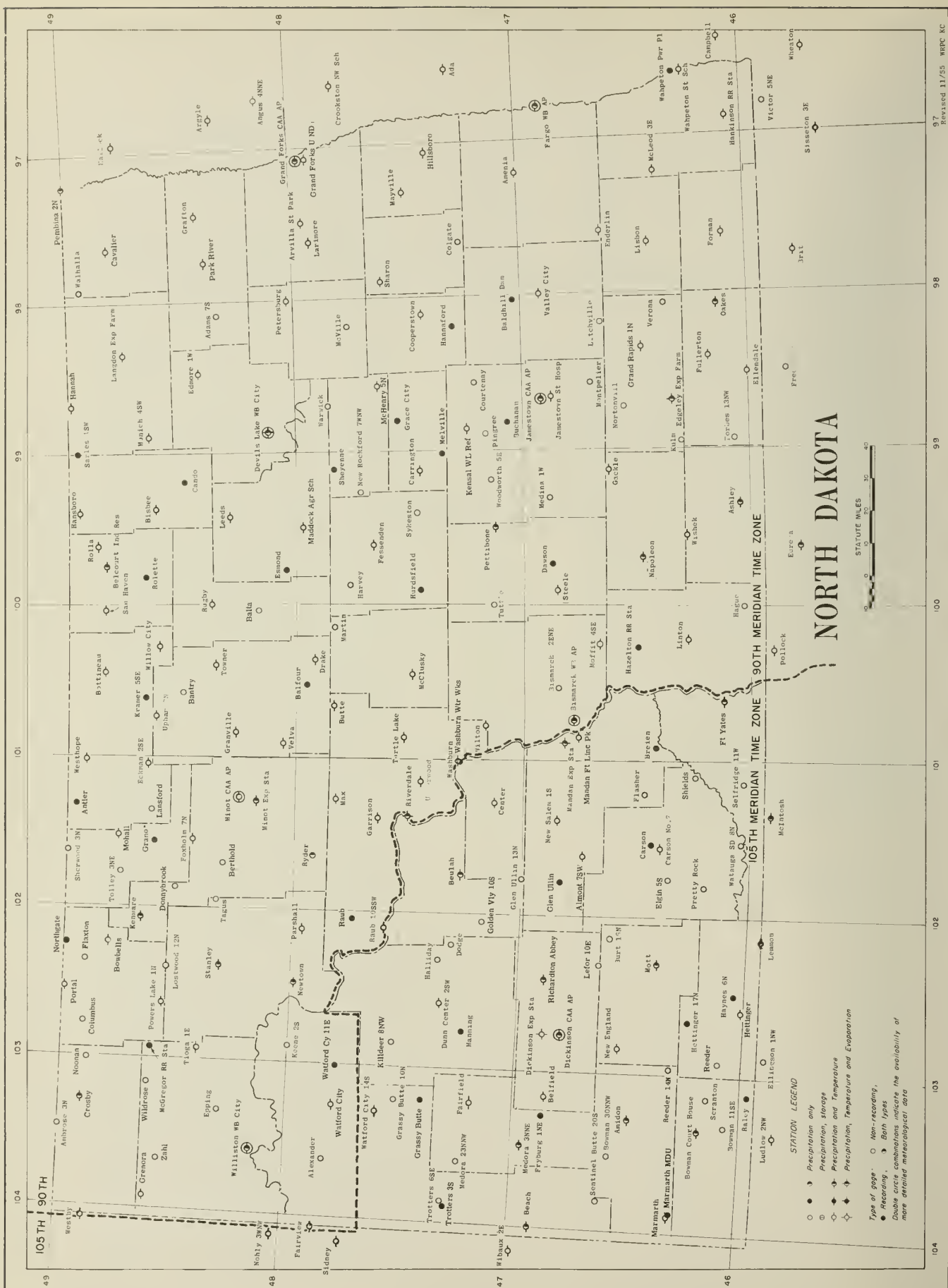
Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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NWRC, ASHEVILLE, N. C. -- 1-9-56 -- 880



NORTH DAKOTA

STATION LEGEND

- Precipitation only
- Precipitation, storage
- Precipitation and Temperature
- Precipitation, Temperature and Evaporation

Type of gauge: ○ Non-recording,
● Recording.
Bath types
Data from calculations indicate the availability of
more detailed meteorological data

551.05

UNNT

crp.2

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NORTH DAKOTA

DECEMBER 1955

Volume LXIV No. 12



THE UNIVERSITY OF
MAR 12 1956
UNIVERSITY OF ILLINOIS

NORTH DAKOTA - DECEMBER 1955

WEATHER SUMMARY

December was a cold month. Temperatures averaged 5.5 degrees or 8.5 degrees below normal. It was the coldest December since 1927, when the temperatures averaged 1.8 degrees below zero, that being the coldest December of record. Outdoor work was limited to the necessary routine chores.

The prolonged cold spell which began on Armistice Day continued to December 20. Temperatures warmed to near normal on December 1 but a polar front moved across the State on that day followed by strong northerly winds which dropped the temperatures far below normal. The 4th, 5th, and 7th to 10th were especially cold. Another polar front on the 10th ushered in another blast of Arctic air. Northerly winds reached 54 miles per hour at Bismarck on the 14th as the temperatures hovered near zero. Temperatures over parts of the State plunged to 30 degrees below normal on the 18th and 19th. Most stations registered their coldest temperatures for the month on the 19th. In general, minimums ranged from 20 to 25 degrees below zero over the southwest to about 30 degrees below zero over the central and northern parts of the State. The lowest temperature for the State, 39 degrees below zero, occurred at Belcourt Indian Reservation on the 19th. Temperatures from the 21st to the end of the month averaged near normal as brief warm and cool spells alternated. Temperatures rose to above freezing at many stations on the 21st to 23d, 26th, and 27th. Maximums ranged from the middle 30's over the northeast to the upper 40's over the southwest. The highest temperature for the State, 52 degrees, occurred at Amidon on the 26th. The highest temperature at Fargo, 36 degrees, occurred on the 27th, the only day on which the temperature rose above the freezing mark. Western North Dakota had more warm days, with temperatures at Williston rising above the freezing mark on six days.

Light snow fell over North Dakota on many days during December. The more generous falls occurred during the first four days and on several days near the end of the second week. The heavier falls were accompanied by strong driving winds. The snow, strong winds, and low temperatures on the 13th and 14th combined to produce blizzard conditions. Monthly totals ranged, in general, from less than 2.0 inches over several middle western counties, at a few stations in the southwest, and at a few widely scattered localities, to over 7.0 inches over several southeastern counties and at scattered northern localities. The greatest monthly total, 13.0 inches, fell at Pingree. The least amount, a trace, fell at Grenora. Precipitation, which included the melted snowfall amounts, ranged from a trace at Grenora to 0.92 inch at Wahpeton State School. Several eastern stations received over 0.75 inch, and several western stations received less than 0.10 inch. A few northern stations and several in the extreme southeast received more than their December normal amounts but most stations elsewhere received less than their December normals.

Outdoor work on the farms included only the care of livestock and the necessary chores. Because of the low temperatures and the snow covered ranges, the livestock required large quantities of feed in the yards. Feed continued plentiful and the livestock were in good condition. The snow cover ranged from about one inch over the southwest to about ten inches over the northeast. Some highways in the northeast were temporarily blocked by snow.

Lucius W. Dye

SUPPLEMENTAL DATA

NORTH DAKOTA
DECEMBER 1955

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total	Percent of possible sunshine
BISMARCK WB AIRPORT	WNW	13	11.2	54	NW	14	79	79	73	80	11	6	1	0	0	0	18	51
DEVILS LAKE WB CITY	-	-	9.4	32	NW	14	-	-	-	-	16	7	4	0	0	0	27	53
FARGO WB AIRPORT	S	18	16.5	43	SE	27	74	70	69	74	10	6	1	0	0	0	17	54
WILLISTON WB CITY	-	-	7.2	34	W	13	69	71	64	69	11	8	2	0	0	0	21	37

COMPARATIVE DATA

Table 1

DECEMBER

Year	Temperature			Precipitation			Year	Temperature			Precipitation			Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall			Average	Highest	Lowest	Average	Average snowfall	
1892	7.1	60	-39	0.57	7.7		1917	0.7	58	-44	0.59	7.4		1942	10.9	53	-30	0.53	7.1	
1893	4.7	55	-36	0.85	8.4		1918	18.5	65	-41	0.88	9.9		1943	21.5	65	-22	0.12	1.0	
1894	19.1	70	-32	0.29	1.6		1919	7.4	49	-38	0.47	4.8		1944	15.8	50	-27	0.06	0.9	
1895	13.8	62	-32	0.31	2.6		1920	15.2	59	-32	0.32	3.2		1945	7.0	56	-38	0.64	8.8	
1896	16.4	53	-35	0.36	2.6		1921	16.5	59	-33	0.41	3.9		1946	13.3	55	-35	0.58	6.2	
1897	10.8	69	-35	0.22	2.2		1922	8.5	55	-34	0.68	7.4		1947	14.2	54	-36	0.42	5.5	
1898	12.1	51	-38	0.24	2.1		1923	22.2	62	-36	0.32	3.6		1948	10.4	59	-35	0.70	9.7	
1899	12.8	60	-26	0.32	3.3		1924	2.9	58	-46	0.44	5.1		1949	8.6	61	-38	0.65	8.5	
1900	17.3	58	-29	0.31	3.0		1925	16.5	67	-38	0.28	2.6		1950	10.0	54	-39	0.57	7.4	
1901	12.4	61	-43	0.74	7.2		1926	9.2	55	-36	0.56	5.5		1951	6.1	56	-38	0.73	7.8	
1902	7.8	49	-35	0.51	4.2		1927	-1.8	43	-38	0.80	8.7		1952	19.3	56	-16	0.17	2.2	
1903	11.6	57	-33	0.77	7.2		1928	20.7	57	-30	0.32	3.2		1953	20.4	51	-28	0.61	6.2	
1904	14.2	55	-43	0.65	6.2		1929	12.5	59	-38	0.81	9.9		1954	23.2	59	-18	0.09	1.2	
1905	15.3	55	-34	0.16	1.6		1930	19.9	53	-30	0.19	2.0		1955	5.5	52	-39	0.35	4.3	
1906	8.4	48	-40	1.09	10.7		1931	21.0	58	-21	0.23	2.7								
1907	20.1	68	-26	0.30	3.1		1932	12.4	60	-31	0.20	1.7								
1908	14.4	62	-37	0.36	3.7		1933	8.6	62	-38	0.90	9.7								
1909	5.2	54	-42	1.28	12.1		1934	12.6	53	-44	0.30	3.9								
1910	12.9	56	-34	0.43	4.6		1935	12.6	51	-34	0.50	5.6								
1911	14.9	61	-33	0.35	4.5		1936	15.0	59	-36	0.43	5.5								
1912	18.9	72	-28	0.43	4.0		1937	11.4	51	-33	0.54	6.5								
1913	22.7	61	-21	0.06	0.3		1938	18.2	55	-41	0.32	4.1								
1914	5.4	57	-42	0.47	5.7		1939	26.7	70	-20	0.28	2.3								
1915	15.8	57	-27	0.52	5.4		1940	19.8	59	-36	0.42	4.0								
1916	2.7	61	-50	1.18	13.9		1941	22.5	66	-20	0.15	1.8								

Averages for the period 1948 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

CLIMATOLOGICAL DATA

TABLE 2

Station		Temperature										Precipitation														
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days				
											Max.	Min.	90° or Above	32° or Below					32° or Below	0° or Below	Total	Max. Depth on Ground	Date	16 or More	50 or More	1.00 or More
EASTERN DIVISION																										
AMENIA	14.7	- 3.6	5.6	- 7.2	36	27	-34	19	1840	0	29	31	21	0.41	- 0.11	0.17	13	7.1	9	20+	1	0	0			
	13.4	- 8.0	2.7		37	27	-34	19	1931		29	31	28	0.43		0.14	20	11	20+	1	0	0				
	11.4M	- 7.1	2.2M	-10.4	40	28	-28	19	1951		29	31	24	0.18	- 0.23	0.11	15	2.1	1	20+	1	0	0			
	10.9	- 8.4	1.3	- 9.2	37	27	-33	19	1976		30	31	28	0.57	- 0.12	0.14	2+	6.3	23	20+	3	0	0			
COOPERSTOWN	14.1	- 5.2	4.5	- 8.5	37	27	-30	19	1876		30	31	23	0.37	- 0.21	0.10	12	4.1	15	20+	1	0	0			
	10.6	- 6.8	1.9	- 9.3	38	27	-27	19	1955		29	31	25	0.76	- 0.28	0.21	20	8.0	12	14+	4	0	0			
	15.1	- 4.1M	5.5M	- 9.5	39	24	-29	19	1790		30	31	22	0.14	- 0.35	0.08	13	2	18+	0	0	0				
	11.3	- 9.5	0.9	- 9.6	35	27	-34	19	1987		30	31	29	0.58	0.04	0.17	20	8.5	20	21+	4	0	0			
ELLENDALE	18.7	- 2.2	8.3	- 8.0	38	31	-29	19	1754		25	31	18	0.49	0.03	0.18	4	6.2	4	13+	3	0	0			
	14.8	- 5.4	4.7		38	28	-30	19	1867		28	31	21	0.50		0.25	4	7.9	9	13+	2	0	0			
	13.8	- 3.0	5.4	- 7.5	36	27	-27	19	1845		30	31	19	0.47	- 0.13	0.25	13	4.9	5	13+	1	0	0			
	17.7	- 2.3	7.7	- 7.6	40	27	-31	19	1774		29	31	18	0.74	- 0.18	0.47	4									
FULLERTON	17.1	- 3.2	7.0	- 8.2	36	27	-30	19	1794		27	31	19	0.62	- 0.15	0.44	3	6.2	5	13+	2	0	0			
	16.5	- 3.6	6.5	- 8.0	40	27	-30	19	1812		29	31	19	0.33	- 0.12	0.25	3	4.2	7	13+	1	0	0			
	11.3M	- 7.0M	2.2M	- 8.5	35	27	-32	19	1949		30	31		0.55	0.02	0.22	20	6.3	19	20+	4	0	0			
	11.5	- 6.0	2.8	- 8.2	35	27	-30	19	1932		30	31	22	0.74	0.12	0.15	14+	8.5	12	21+	4	0	0			
GRAND FORKS CAA AP	11.2	- 5.0	3.1	- 7.9	35	27	-30	19	1920		30	31	22	0.36	- 0.26	0.18	20	4.4	11	20+	1	0	0			
	17.7	- 4.5	6.6		38	27	-33	19	1808		27	31	22	0.35		0.18	4	5.0	5	4+	1	0	0			
	16.1	- 4.4	5.9	-11.8	39	28	-26	19	1828		30	31	20	0.79	- 0.27	0.50	4	8.9								
	10.5	-10.3	0.1	- 7.5	35	27	-28	19	2013		30	31	28	0.49	- 0.10	0.16	20	4.8	15	20+	2	0	0			
HILLSBORO	13.1	- 3.4	4.9	- 7.1	35	27	-30	19	1863		29	31	20	0.41	- 0.23	0.19	13	4.5								
	14.9	- 3.9	5.5	- 8.4	39	27	-29	19	1841		28	31	22	0.31	- 0.34	0.11	3	3.2	6	4+	1	0	0			
	16.4	- 2.1	7.2	- 6.7	38	27	-27	19	1790		28	31	20	0.08	- 0.57	0.04	13	1.6								
	15.4	- 3.8	5.8		39	27	-30	19	1830		29	31	22	0.25		0.17	14	3.0	12	14+	1	0	0			
KANSAS WILDLIFE REFUGE	9.5	- 9.7	0.1	- 8.7	34	27	-32	19	2016		30	31	28	0.56	- 0.07	0.14	15	5.6	22	23+	1	0	0			
	13.4	- 5.5	4.0	- 7.5	36	27+	-30	19	1891		29	31	24	0.60	- 0.04	0.14	2	7.2								
	16.3	- 3.6	6.4	- 8.4	38	27	-24	9	1815		28	31	21	0.38	- 0.13	0.20	13	7.0	5	13+	2	0	0			
	13.5	- 3.1	5.2	- 8.1	36	27	-28	19	1851		29	31	21	0.44	- 0.08	0.14	13	4.9	7	20+	2	0	0			
MC HENRY 5 N	12.5	- 6.1	3.2	- 7.6	35	27	-30	19	1916		0	30	31	25	0.12	- 0.37	0.05	2	1.5	8	2+	0	0	0		
	16.9M	- 5.1M	5.9M	- 9.2	40	27	-32	19	1829		0		31		0.59	0.13	0.34	4	8.2							

See reference notes following Station Index.

CLIMATOLOGICAL DATA

NORTH DAKOTA
DECEMBER 1955

TABLE 2 - CONTINUED

Station		Temperature										Precipitation																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days					Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
											90° or Above	32° or Below	32° or Below	32° or Below	32° or Below					Total	Max. Depth on Ground	Date	1/4 or More	5/10 or More	100 or More																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

DAILY PRECIPITATION

NORTH DAKOTA
DECEMBER 1955

Table 3

Station	Total	Day of month																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ADAMS T S	.61		.05	.03	.01	.02	T	T	T	T	T		.08	.07	.08		.01	.02	.02	T	.11	.08	.01			.02							
ALEXANDER	.51		.11				.07	T	T					.05						T	.12			.16									
ALMONT 7 SW	.13	.01	T	.06			T	.02						.04	T				T	T													
AMBROSE 3 N	.50	.05	T											.30							.05	.08		.02									
AMENIA	.41		.03	.04	.05									.01	.17	.05						.06											
AMIOON	.06	T			.06			T	T	T				T						T					T								
ARVILLA STATE PARK	.43		.09	.02										.07	.09					T													
ASHLEY	.09		.03	T	.04									T	.04	.01				T								.02					
BALTA	.56	.03	.15											.09	.06	.06	.02			T	.10	T					T						
BANTRY	.27		.12												.05		.05			T	.05	T											
BEACH	.23		.01	T	.03			T	.04	T	.01			.01	.02				.01						.10								
BELCOURT INDIAN RES	.37	.02	T	.02										.01					.02														
BELFIELD	.20	T	T	.10	T			.10	T	T	T	T		.14					T														
BERTHOLD	.37	.08	.10																														
BEULAH	.14			.06	T	.02			T								.10				.02	.03	.02		.01	T		.01					
BISBEE	.70		.06	T										.23	.08	.03																	
BISMARCK WB AP	.35	.03	.01	.14	T			T	T	T	T			.03	.08	.04		T	T	.02	T				T								
BISMARCK 12 ENE	.04		.03	T				T							.01	T																	
BOTTINEAU	.28	T	.04		T		T	T	T	T	T	T		.07	.03	T				.01		.06	.01	T	.05	.01		T					
BOWBELLS	.60	.16	T			T	T	T	T	T	T			T	.25	T					.19												
BOWMAN COURT HOUSE	.12		T	.12					T											T													
BOWMAN 11 SE																																	
BOWMAN 30 NNW	.24	T	T									.24																					
BURT 16 N	.11							.04																									
BUTTE	.05		.02	.01					T					.03	T	.04	.02																
CARRINGTON	.18		.06	T	.01									T	T		.11		T														
CARSON ND 2																																	
CAVALIER	.57	T	.14	T			T							.10	.07	.08	.03			.01	T	.14	T										
CENTER	.22	.08	T	.09						T		T			.05	T																	
COLGATE	.16								.01						.10							.05											
COLUMBUS	.41	.08													.18						.05			.10									
COOPERSTOWN	.37		.07	T				T						.10	.02	.08				.02	T	.08	T										
COURTENAY				.02																													
CROSBY	.43	.05	T			T	T	T	T	T	T	T		.16	.02			T	T	T	.02	.08		.01	.09	T							
DEVILS LAKE WB CITY	.76	.03	.13	.04	T	T	T	T	T	T	T	T		.12	.10	.09		T	T	.01	T	.21	.01	T									
DICKINSON CAA AP	.16	.04	.01	.05	T			.02	T	T	T	T	T	T	T	T		T		.01	T				.01	.02	T	T	T				
DICKINSON EXP STATION	.13		.01	T	.06			T	.04	T	T																						
DONNYBROOK	.67	.15	.04			T								.10	.17	.14	.02																
DRAKE	.46		.13	T				T							.17																		
GUNN CENTER 2 SW	.20		.05		.03	T			T					.02				.08															
ECKMAN 2 SE	.70			.52	T			T							.07																		
EGGLEY EXP FARM	.14		.01	T	.02	T								.08	.01		.01		.01														
EGMORE 1 W	.58	T	.14					T	T	T	T			.10	.11																		
ELGIN 5 S	.09	.03	T	.06										T				T	T														
ELLENOALE	.49	T	T	.12	.18			T	T					.15	T	T		T		.04	T												
ENOERLIN	.50		.08	T	.25	T								.17	T																		
EPPING	.52	.04	.07	T	T									.01	.08	.07																	
FAIRFIELD	.10	T	T	.02				.03	.02	T				T	T				T	T	.04	.02	.05	T		.05	.09	T					
FARGO WB AP	.47		.02	.07	.06										.25	T	.04																
FESSENDEN	.29		.10	.09											.10			T															
FLASHER	.11		.03	T	.08					T																							
FLAXTON	.68	.06	.02	T				T		T																							
FORBES 13 NW	.30		T	.23	T			T	T	T	T	T		.06	.28	.02		.01		.01	T	.14			.06	T	.02						
FORMAN	.74		T		.47			T							.27	T	T	T															
FORT YATES	.21		.02	.13	.06																												
FOXHOLM 7 N	.10	.05	.05	T				T			T	T	T	T	T																		
FULLERTON	.62		T	.44		T																											
GACKLE	.33		.01	.25											.18																		
GARRISON	.25	.02	.09	T				T	T	T	T			.02	.04	.01																	
GLEN ULLIN 13 N	.43	.02		.13				T							.05	.06			T	T						.05							
GLOVEN VALLEY 10 S	.06							T													.01					.05							
GRAFTON	.55	T		.13	T									.10	T	.10			T														

DAILY PRECIPITATION

Table 3--Continued

NORTH DAKOTA
DECEMBER 1955

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
NEW ROCKFORD 7 WNW	.17		.10											.07			T	T	T	T														
NEW SALEM 1 S	.32	.03	.03	.11	.05			.04					T	.03	.03			T	T	T	T													
NEWTOWN	.23	.04	.04					T													.04	.03												
NOONAN	.62	.08												.23	.21			T	T	T	.04	.10					.08	T						
NORTONVILLE	.08			.08																														
DAKES	.51	T	.01	.01	.26			T				T	T	.17	T	.04				.02														
PARK RIVER	.39		.11	T										.03	.05																			
PARSHALL	.44	.10	.03	.02										T	.03						.20	.20												
PEMBINA 2 N	.32													.09	T		.03				.12				.04									
PETERSBURG	.44						.04						.04	.05	.05	.03					.18							.05						
PETTIBONE	.60			.03										.53			.04																	
PINGREE	.43		T	T	.10							T	.09	.20			T		.04	T		T												
PORTAL	.38		.08								T			T	T	T					.30	T		T	T	T	T							
POWERS LAKE 1 N	E.10																																	
TAGUS	.36	.03	T		T						T	.02	T	.05	.02	T	.02	T	T	T		.26												
PRETTY ROCK	.14																																	
RAUB 10 SSW	.14	T												T	.07		.07	T																
REEDER	.14			.06				.03																										
REEDER 14 N	.17			.02	.05			.01			.04	T			T										.05	T								
RICHARDTON ABBEY	.25	.03	.04	.04	.02			.03	.04		T	T	T	T	T		T	T	.02	.01	.01												.05	
RIVERDALE	.21	T	.04	.01	.01	T		T	T	T	T	T	T	T	.08	T				.01	.01			T	T									
ROLLA	.80	.06	.08		T	T							.20	T						T	.35	T			.06								.05	
RUGBY	.64	.02	.16	.01	.01	T	T						.06	.02					.09	T	.22			.01	T	.02							.01	
RYOER	.40	T	.10	.05	T																			.20	.05	T							.01	
SAN HAVEN	.31			.01									.10	.02	.01				T	.03	T			.13	T									
SCRANTON	.14		T	.09	T			.05	T		T										T													
SELFRIDGE 11 W	.30							.10											.10		.10													
SENTINEL BUTTE 20 S	.03							T		.03																								
SHARON	.32			.09	.04									.02	.03																			
SHERWOOD 3 N	.53	.04	.06											.08	.01					T	.01	.04	.01	.03	.25		.03							
SHIELDS	.19	T	T	.19				T		T	T		T																					
STANLEY	.59		.15							T	T		T	T	.15	T	T																	
STEELE	.30		.11	.01	T								T	T	.18	T	T		T	T	T													
SWKESTON	.06	T	T	T										.06	T				T	T	T													
TAGUS	.28		.12										.01		.02						.02	.03	.02			.05	T	T	.01					
TIOGA 1 E	.35		.07	T										.08	.12	T			T	T		.07												
TOLLEY 3 NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOWNER	.30	.20													.10																			
TROTTERS 6 SE	.28	.02	T					.02	T	T	T	T							T		T				.04	.20								
TURTLE LAKE	.61	T	.13	.04				T						.13	.20					T	.05	T												
TUTTLE	.39		.08	.05							.03			.05	.09	.02	.04	T		.03		T												
UNDERWOOD	.32	.01	.04	.01	.01									.12					.02					.01	.08				.02					
UPHAM 3 N	.21	.02	.03	T							T		.04	T	T				T	T	.09			.03	T	T								
VALLEY CITY	.31		.03	.08	T								.05	.08	.02				T	T	.05													
VELVA	.38	.02	.09	.01				T		T				.11						.05	.02	T		.01		.05	.03							
VERONA	-																																	
WAHPETON STATE SCHOOL	.92		.08	.05	.54									.16	.04		T	T	T	T	T													
WALHALLA	.36	-	-	-	-	-	-	-	-	-	-	-	-	.17	.07		-	-	-	-	.12													
WARWICK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WASHBURN	-	-	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WASHBURN	-	-	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WATAUGA 5 OAK 8 N	.70	T	.40	.10							T		.05	T	.10			.05	T															
WATFORD CITY	.42	.10						.02						.04	.08											.18								
WATFORD CITY 14 S	.21	T	T	T				.01	T	T	T		T						T	T														
WESTHOPE	.63	.13	.06										.08	T	.06					T	.20	T			.10									
WILDROSE	.55		.22				T							.12							.15				.06									
WILLISTON W9 CITY	R//	.49	.11	.01	T	T	T	.01			T		.01	.12	.02		T	.01	T	T	.06			.09	.05	T	T							
WILLOW CITY	.51	.06	.05	T			T						.15	T	T						.12	.10	T		.03		T							
WILTON	.18		.08	.07	T			T				T			.03					T														
WISHEK	.06					.06																												
WOODWORTH 5 E	.08		T	T																														
ZAHL	.32	.06						T						.08	T	T	T	T		T	.04				.10									

DAILY TEMPERATURES

NORTH OAKOTA
OCTOBER 1955

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALMONT 7 SW	MAX MIN	30 12	21 0	4 0	15 1	15 -3	27 -6	10 -3	3 -11	1 -10	-8 -5	13 2	28 -1	32 1	-2 -4	10 -9	14 3	9 -8	6 -23	-3 -23	7 -9	40 -3	39 29	42 18	19 9	19 9	29 4	43 20	32 -2	21 -5	32 9	35 14	19.5 0.7
AMENIA	MAX MIN	26 6	22 9	14 5	6 -4	11 -12	10 -6	9 -3	2 -9	3 -16	-16 -16	-17 -17	-4 -4	26 3	11 0	7 -1	7 -7	7 -17	-10 -34	5 -11	15 -5	19 5	28 11	25 5	15 25	36 10	19 19	33 0	14 -13	32 -7	28 12	14.7 -3.6	
AMIOON	MAX MIN	29 7	31 4	8 -2	6 0	16 16	28 10	34 22	11 0	18 -8	30 0	46 4	9 -5	3 -11	18 4	9 -11	18 -3	9 -7	10 -3	-6 -22	9 -10	35 -5	43 25	51 30	37 12	24 14	27 27	52 12	51 -5	7 -3	20 3	30 11	23.1 1.5
ARVILLA STATE PARK	MAX MIN	22 0	22 -1	4 -4	6 -9	12 -18	10 -8	7 -9	3 -12	-1 -26	4 -25	10 -12	21 -2	24 -4	12 -3	9 -8	3 -11	5 -10	0 -21	-10 -34	3 -13	18 0	26 0	29 8	20 -1	5 -15	21 -6	37 18	34 -6	7 -20	28 -6	23 9	13.4 -8.0
ASHLEY	MAX MIN	36 3	25 6	10 3	5 -3	17 -11	27 2	20 -4	4 -12	2 -18	12 -5	10 2	22 1	27 3	5 -3	3 -10	11 -7	9 -10	4 -19	-4 -28	5 -7	20 -4	21 11	36 17	31 5	15 4	30 3	37 21	32 -4	18 -12	25 2	35 7	17.7 -2.2
BEACH	MAX MIN	24 8	30 3	12 1	10 0	-3 -3	26 5	37 0	19 5	15 4	11 3	21 -1	29 5	49 4	8 -3	2 -7	21 -5	14 -5	-23 -20	-7 -7	2 2	43 27	47 29	39 5	23 7	29 12	43 25	45 -6	6 -6	18 3	28 5	23.1 2.2	
BELCOURT INDIAN RES	MAX MIN	22 -13	15 -5	3 -9	16 -10	10 -15	7 -6	9 -9	9 -10	5 -20	6 -8	6 -8	21 -1	23 -7	5 -5	3 -15	2 -16	3 -19	-2 -39	-10 -12	3 -5	20 -5	25 -5	29 4	8 -3	6 -15	13 -5	36 9	37 -10	3 -26	32 -11	35 5	12.7 -10.2
BELFIELD	MAX MIN	30 5	22 0	6 -3	18 -2	24 -10	36 -9	12 -2	8 -11	9 -8	22 -1	21 -5	42 10	31 0	0 -9	15 -8	14 -3	9 -10	5 -23	1 -26	14 -6	44 6	43 22	47 33	23 10	44 12	46 18	32 8	17 -8	30 -6	29 4	23.5 -0.5	
BEULAH	MAX MIN	14 -7	22 4	8 -1	1 -11	4 -15	11 -10	12 3	3 -10	-1 -19	3 -7	10 -1	15 5	31 2	8 -1	-15 -15	9 -16	12 -12	-4 -34	-4 -15	-5 -5	34 2	39 12	35 8	8 3	18 7	25 10	36 -2	-2 -18	13 -17	27 4	12.5 -6.2	
BISBEE	MAX MIN	20 0	16 -6	3 -8	8 -10	9 -10	7 -4	2 -9	-2 -10	-2 -16	0 -15	7 -9	20 -1	24 -4	6 -3	1 -13	3 -10	1 -14	2 -29	-8 -29	-2 -14	16 -2	15 16	30 10	8 5	15 3	30 10	30 -9	15 -16	19 -5	20 5	10.2 -8.1	
BISMARCK WB AP	MAX MIN	23 8	20 2	5 -1	7 10	11 -16	17 -7	9 -5	4 -15	4 -9	11 -9	11 -2	28 4	22 -2	4 -4	7 -11	12 -4	8 -6	3 -29	-1 -30	4 -5	33 -6	26 16	37 10	11 5	21 3	24 -2	42 20	20 -10	18 -13	30 -1	29 5	16.1 -3.5
BOTTINEAU	MAX MIN	13 -9	22 4	8 -3	10 -8	10 -10	7 -4	12 -9	5 -9	5 -17	3 -8	4 -4	15 -4	25 -5	5 -14	3 -5	3 -14	0 -16	-15 -26	-6 -32	-6 -16	2 -8	19 -1	32 -1	21 -1	3 -15	8 -5	24 -11	35 -20	-4 -18	10 -2	22 9	9.8 -9.2
BOWBELLS	MAX MIN	19 -2	22 5	8 -10	1 -15	9 -5	6 -6	6 -23	11 -13	2 -14	-2 -6	11 -5	19 -6	35 -6	9 -17	3 -7	11 -15	5 -14	9 -30	-12 -20	-4 -30	6 -2	35 1	42 0	14 -15	20 10	27 37	21 -13	10 -14	26 3	30 10	14.0 -8.4	
BOWMAN COURT HOUSE	MAX MIN	33 7	29 2	6 0	16 2	17 0	34 5	28 2	12 1	8 -4	18 5	20 7	39 7	32 -2	5 -5	16 -7	17 4	9 -6	9 -12	0 -20	20 -5	42 7	46 23	47 30	33 10	24 11	41 15	45 23	33 -2	23 0	32 5	36 7	24.8 2.9
BUTTE	MAX MIN	12 -13	25 0		10 -10	12 -5	7 -4	0 -9	0 -17	2 -10	18 -12	27 -5	2 -2	0 -14	0 -15	-4 -23	-4 -28	-4 -15	-5 -15	38 6	40 -5	38 -8											13.9 -9.7
CARRINGTON	MAX MIN	14 -14	25 9	10 -3	10 -9	2 -8	14 -7	10 -8	-2 -13	-3 -19	-1 -14	12 -13	20 2	27 -1	4 -1	9 -9	3 -9	3 -7	4 -20	-11 -28	-6 -18	2 -7	22 2	30 1	34 2	5 -9	11 -1	28 2	40 -5	-3 -13	14 -11	25 9	11.4 -7.1
CARSON NO 2	MAX MIN																																
CAVALIER	MAX MIN	18 -3	18 -4	0 -12	5 -12	10 -14	10 -5	4 -12	-4 -14	-4 -18	1 -18	8 -13	20 0	23 -3	10 -4	6 -8	6 -8	5 -8	0 -21	-10 -33	0 -14	9 -4	21 -2	24 5	13 -2	-1 -15	18 -5	37 14	31 -5	5 -16	29 -9	25 2	10.9 -8.4
CENTER	MAX MIN	21 0	20 0	4 -2	7 -2	17 -10	18 -5	10 -6	5 -12	3 -12	9 -5	12 -1	22 -2	30 0	2 -3	7 -14	12 -2	9 -9	-29 -33	-3 -7	7 -40	35 15	40 11	14 4	21 5	0 15	27 5	40 -7	31 -7	17 -17	27 7	31 6	17.4 -4.2
COOPERSTOWN	MAX MIN	24 3	22 4	7 0	5 -10	12 -11	12 -3	7 -5	0 -13	5 -18	9 -10	11 -8	20 5	26 -1	8 -2	5 -9	4 -7	3 -11	2 -30	-11 -2	20 0	26 4	31 9	19 9	9 -11	24 -10	37 17	32 -6	14 -16	26 -3	25 10	14.1 -5.2	
CROSBY	MAX MIN	21 13	16 -1	0 -14	11 -12	12 -5	6 -2	3 -8	4 -21	10 -7	13 -7	22 -2	41 11	18 -6	0 -6	7 -16	9 -16	9 -10	3 -30	-2 -29	3 -5	33 -2	23 1	45 -1	0 -4	23 -14	30 11	37 10	11 -12	10 -13	25 1	24 5	15.1 -6.2
DEVILS LAKE WB CITY	MAX MIN	20 4	12 -4	4 -3	6 -11	8 -10	8 -3	0 -13	-3 -15	-1 -18	4 -13	12 -3	25 5	17 -4	7 -3	1 -12	2 -7	1 -14	-8 -27	-5 -27	0 -9	29 0	19 6	33 6	7 -13	9 -9	20 1	38 12	12 -11	7 -15	23 -2	31 6	10.6 -6.8
DICKINSON CAA AP	MAX MIN	30 10	14 -1	0 0	15 0	21 -4	32 0	11 -1	2 -12	8 -7	15 0	21 1	37 12	13 -1	1 -8	19 9	15 -6	10 -6	-1 -17	13 -5	42 10	43 26	42 10	15 2	23 15	43 15	16 15	45 -4	17 -1	20 11	34 12	20.5 1.2	
DICKINSON EXP STATION	MAX MIN	20 5	30 4	8 -1	5 0	17 -11	22 -9	32 0	11 -13	1 -10	7 -1	15 -4	28 -5	38 -4	6 -3	2 -10	19 -11	15 -8	-8 -21	0 -25	17 -8	42 15	45 27	37 6	20 12	43 13	45 -4	4 -6	20 -1	31 8	19.9 -1.7		
DRAKE	MAX MIN	15 -9	24 5	8 -5	3 -11	7 -10	19 -7	0 -8	-15 -17	-17 -13	-2 -5	7 -13	18 2	27 -1	2 -2		4 -15	8 -12	-5 -25	-15 -28	-5 -17	3 -5	36 3	36 4	37 0	6 -11	13 0	7 -7	40 -7	-1 -15	12 -12	26 10	12.3 -7.4
DUNN CENTER 2 SW	MAX MIN	15 -2	16 2	13 -1	6 -11	15 -12	23 -23	22 -9	12 -18	-1 -18	15 -5	13 -7	17 1	40 -2	2 -13		14 -7	12 -8	-24 -29	-7 -17	1 -4	10 10	40 4	43 13	43 2	15 4	24 10	31 4	43 -8	8 -8	17 2	27 10	17.7 -4.8
ECKMAN 2 SE	MAX MIN	17 -19	21 6	8 -7	2 -14	8 -13	9 -11	11 -6	6 -22	11 -25	3 -15	2 -8	16 -5	27 -8	2 -7	3 -16	6 -17	7 -16	4 -33	-10 -33	-5 -18	3 -11	32 -1	39 17	20 6	1 2	9 -8	21 -7	36 -14	-4 -21	10 -16	25 6	11.0 -12.2
EDGELEY EXP FARM	MAX MIN	15 -7	32 8	15 4	10 -2	13 -8	18 -7	20 0	6 -8	4 -18	-1 -17	1 -11	19 19	28 11	6 2	5 -5	12 -8	9 -6	9 -8	0 -29	-4 -17	4 -7	32 15	22 3	39 14	13 3	30 -3	4 -12	3 -9	11 11	22 11	31 11	15.1 -4.1
EMORE 1 W	MAX MIN	20																															

DAILY TEMPERATURES

Table 5 - Continued

NORTH DAKOTA
DECEMBER 1955

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
GARRISON	MAX MIN	-10 9	25 3	10 -1	-4 -7	-8 -5	10 -2	13 -3	-3 -7	-4 -13	-3 -8	10 0	17 -1	-29 -4	-1 -12	0 -12	-7 -12	10 -6	-5 -23	-2 -15	-5 -5	39 3	39 11	37 0	10 -3	20 6	25 15	39 -7	-2 -12	13 -10	27 5	-13.0 -4.5	
GRAFTON	MAX MIN	17 4	18 -2	5 -5	4 -11	6 -15	5 -5	5 -10	-3 -11	-4 -22	0 -19	9 -11	20 0	24 -2	11 -1	8 -5	-8 -8	-11 -20	-23 -32	-1 -13	10 1	21 0	31 8	18 -16	19 -5	35 16	32 -5	7 -15	27 -1	22 5	11.3 -7.0		
GRAND FORKS CAA AP	MAX MIN	21 9	17 1	11 -1	2 -10	5 -14	6 -5	2 -10	-3 -18	-3 -19	0 -18	8 -11	24 6	24 -1	11 -1	5 -5	4 -7	2 -13	-6 -32	5 -7	18 4	19 1	26 10	11 -14	10 23	23 35	30 -11	5 -16	25 -7	18 -7	11.5 -6.0		
GRAND FORKS UNIVERSITY	MAX MIN	20 9	19 3	9 3	3 -10	4 -12	6 -4	5 -6	-2 -12	-1 -19	0 -16	8 -12	21 0	24 -1	11 -1	7 -5	3 -5	-4 -12	-10 -30	4 -10	12 3	18 1	26 15	18 -2	5 -14	21 35	32 -4	4 -19	25 -5	20 6	11.2 -5.0		
GRAND RAPIDS 1 N	MAX MIN	31 5	28 10	12 5	9 -3	16 -15	19 -4	14 -3	3 -10	6 -25	10 -16	15 -18	26 11	23 3	6 0	9 -4	12 -12	9 -10	-9 -33	5 -10	16 -5	19 0	34 13	24 7	22 -2	26 5	38 14	30 -4	22 -16	33 -5	17.7 -4.5		
GRANVILLE	MAX MIN	30 12	25 -8	6 -12	8 -10	13 -2	12 -2	1 -1	3 -7	8 17	27 7	27 3	6 6	9 6	-2 -6	2 -25	-5 -30	-2 -15	-1 -1	36 3	27 3	36 5	7 -13	5 35	25 16	40 15	22 -11	12 -16	23 -1	24 7	15.0		
GRENDORA	MAX MIN	23 12	16 -8	-12 -12	4 -10	12 -2	13 -2	10 -7	10 -17	7 -10	12 -12	32 1	44 5	30 -4	1 -5	10 -14	14 -7	12 -4	-1 -29	-1 -7	7 -3	30 6	33 4	42 2	5 -2	24 35	35 15	16 -12	8 -11	20 -2	25 3	18.1	
HANKINSON R R STATION	MAX MIN	20 12	32 -8	22 -12	24 -10	9 -2	10 -1	12 0	8 -17	5 -10	-2 2	7 -32	17 44	28 30	21 1	9 10	9 -7	15 4	6 -29	-9 -26	-2 -22	9 -9	23 -9	22 12	30 10	17 0	20 3	30 13	39 -12	15 -10	14 -10	30 8	16.1 -4.4
HANNAH	MAX MIN	17 -2	14 -9	-3 -14	2 -15	10 -11	8 -4	0 -14	-4 -17	-8 -20	-9 -14	11 -8	19 1	23 -7	8 -7	3 -13	3 -11	-2 -17	-22 -28	-1 -11	-5 -25	10 -7	32 -7	9 -9	17 -17	35 -3	33 14	28 -12	3 -18	26 -10	21 2	10.5 -10.3	
HANSBORO	MAX MIN	18 0	15 -15	7 -12	6 -9	9 -9	7 -4	-3 -12	-2 -13	3 -18	4 -15	7 -7	20 1	24 -5	5 -4	7 -11	1 -11	-2 -27	-8 -29	-2 -11	23 -2	20 -5	30 3	4 -15	6 13	35 11	32 -9	10 -18	32 -10	30 8	11.2 -8.6		
HETTINGER	MAX MIN	35 9	30 2	5 0	16 4	23 -1	34 8	14 -1	11 -7	9 -9	12 -2	17 -1	34 5	31 4	5 -4	16 -8	17 -18	11 -8	4 -8	43 7	49 28	42 17	22 13	21 14	37 11	47 22	35 2	25 0	31 2	36 9	23.5		
HILLSBORO	MAX MIN	23 6	18 7	15 4	7 -8	10 -12	7 -4	0 -3	-1 -11	-1 -18	0 -17	9 -4	20 3	25 4	12 0	9 -3	5 -10	4 -18	-2 -30	10 -12	12 0	18 2	27 11	17 15	16 -12	24 24	35 0	33 -17	8 -6	28 5	25 -3	13.1	
JAMESTOWN CAA AP	MAX MIN	28 3	18 4	8 0	7 -6	16 -8	14 -2	3 -9	0 -17	3 -17	5 -13	13 24	26 2	4 -3	4 -3	9 -7	6 -8	-26 -29	-7 -10	3 0	29 0	20 9	34 10	42 4	12 -2	30 19	19 -8	18 -11	28 4	34 8	14.9		
JAMESTOWN STATE HOSP	MAX MIN	28 3	25 5	9 3	7 -4	17 -8	15 -1	10 -4	-2 -9	4 -16	5 -11	12 -8	26 9	27 3	5 -1	5 -4	10 -6	7 -6	3 -20	-8 -27	1 -8	30 0	34 9	36 15	12 -2	28 0	38 17	31 -3	18 -11	28 4	31 12	16.4 -2.1	
KENMARE	MAX MIN	20 0	23 6	10 -7	2 -11	12 -2	17 -1	7 -3	1 -18	2 -12	-1 -12	12 -5	20 4	38 -5	2 -5	2 -13	10 -13	7 -8	-14 -28	-3 -25	5 -15	35 2	42 2	25 -3	2 14	20 2	31 -10	3 -11	15 -5	25 10	13.2 -6.0		
KENSAL WILDLIFE REFUGE	MAX MIN	25 1	20 5	8 1	7 -7	14 -7	14 -1	10 -6	-4 -13	7 -19	-4 -13	4 -7	12 10	27 0	3 0	4 -8	8 -3	7 -3	-8 -22	-8 -8	3 22	29 0	37 15	17 4	12 -8	29 39	32 -4	14 -14	29 2	30 13	15.4		
LANGDON EXP FARM	MAX MIN	15 -2	12 -1	-3 -9	3 -15	7 -13	5 -1	3 -15	4 -13	6 -18	10 -11	5 -5	2 2	15 -6	8 -5	8 -14	5 -11	1 -18	-25 -32	-3 -15	5 -5	11 10	10 31	0 1	15 34	30 -4	4 -18	23 -8	15 -7	9.5 -9.7			
LARIMORE	MAX MIN	20 2	20 0	6 -4	7 -7	10 -9	10 -5	5 -6	0 -10	3 -16	5 -18	10 -11	20 -1	24 -2	11 -3	8 -7	3 -9	6 -11	-2 -21	2 -30	17 1	28 1	30 10	17 -12	5 -5	20 17	36 -14	8 0	25 15	25 -5	13.4 -5.5		
LEEDS	MAX MIN	25 2	15 -9	-2 -7	8 -12	9 -10	7 -7	2 -17	-2 -15	-4 -24	2 -19	12 -8	22 2	25 -5	4 -4	-1 -4	-5 -5	-8 -27	-8 -31	-3 -11	-1 -1	32 -2	37 8	5 -5	4 -16	7 -4	18 14	3 -12	15 -3	6 6	10.8 -8.7		
LINTON	MAX MIN	31 5	25 5	2 -3	10 -16	12 -16	25 0	15 -3	10 -9	11 -11	8 -4	10 -5	24 0	30 3	6 -2	4 -12	14 -8	10 -11	-2 -17	-2 -29	-5 -5	21 2	28 8	36 18	25 10	20 19	35 -1	18 -14	30 -6	29 -1	18.5		
LISBON	MAX MIN	30 2	30 8	13 8	9 -3	12 -14	13 -8	10 -2	3 -10	3 -24	9 -19	14 -8	20 -1	24 4	5 -1	5 -2	8 -13	10 -10	-10 -22	1 -12	15 -4	17 7	29 13	29 5	9 -2	27 4	38 13	36 -4	13 -14	31 11	33 -3	16.3 -3.6	
LOSTWOOD 12 N	MAX MIN	22 11	14 2	-2 -11	6 -12	12 -4	6 -4	3 -7	-4 -24	4 -10	9 -11	15 -4	37 4	35 -8	1 -8	7 -16	9 -7	4 -12	2 -31	-5 -32	0 -7	33 -4	21 1	39 -2	5 -16	19 14	26 17	17 -13	8 -13	21 2	30 9	13.7 -6.5	
MADDOCK AGR SCHOOL	MAX MIN	21 0	20 -4	0 -7	1 -9	11 -10	10 -7	5 -15	-1 -14	-5 -19	0 -15	4 -8	23 2	24 -3	5 -1	1 -14	5 -14	4 -23	-8 -32	-1 -9	29 -2	30 2	35 9	10 -14	20 35	32 15	9 -8	23 -15	24 0	12.1 8			
MANDAN EXP STATION	MAX MIN	16 -8	23 9	9 -1	3 -5	6 -12	14 -9	16 -3	7 -4	4 -13	2 -8	9 3	19 0	29 2	4 0	-11 -1	8 -10	12 -6	7 -19	-11 -30	-1 -3	5 4	35 17	37 6	38 1	10 6	21 1	29 6	40 -4	-1 -12	17 8	30 8	14.2 -3.8
MANDAN FT LINCOLN PARK	MAX MIN	36 5	24 4	5 -2	7 -7	15 -16	2 -2	10 -1	5 -7	6 -15	11 -11	10 -3	24 -1	28 0	5 -3	6 -13	15 -3	12 -10	5 -21	-1 -30	-1 -8	40 5	38 13	39 6	27 -3	20 11	28 6	41 -6	18 -7	31 1	19.3 -3.4		
MARMARTH	MAX MIN	35 6	38 3	10 6	15 -6	32 -11	34 7	0 0	9 9	3 3	21 3	25 10	44 20	33 6	7 0	17 9	20 9	12 -6	-1 -11	-23 -22	5 -2	43 43	44 17	44 31	32 15	41 15	46 15	36 4	22 -4	31 4	28.3 3.7		
MAX	MAX MIN	13 -10	25 3	8 -3	2 -8	8 -8	10 -2	9 -8	4 -8	5 -10	3 -10	8 -5	17 5	26 -3	7 -3	0 -13	5 -13	8 -24	-15 -15	-3 -3	37 2	40 10	35 7	17 -7	24 5	38 -10	-4 -15	12 -12	26 6	12.3 -6.1			
MAYVILLE	MAX MIN	25 6	18 4	5 2	6 -6	10 -9	13 -4	6 -6	6 -10	1 -20	1 -21	6 -4	20 -1	20 0	10 0	7 -5	5 -10	4 -19	-1 -28	-10 -11	14 0	23 3	27 13	25 9	17 -6	29 12	36 23	4 -15	27 -4	21 11	13.5 -3.1		
MC CLUSKY	MAX MIN	23 4	19 1	2 -5	7 -9	12 -11	11 0	5 -5	0 -14	3 -17	-10 -9	8 -9	24 4	26 -2	1 -5	-14 -14	8 -3	5 -8	-2 -24	-6 -30	-1 -7	32 0	31 8	td									

Table 5 - Continued

DAILY TEMPERATURES

NORTH DAKOTA
DECEMBER 1955

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
NEW ENGLAND	MAX-MIN	32 6	25 1	5 -1	15 2	24 -9	35 2	25 -3	11 -12	8 -12	15 1	14 -3	35 5	34 3	5 -5	17 -9	15 4	11 -5	4 -20	-2 -22	14 -6	41 2	51 23	46 26	27 9	22 14	42 14	44 20	35 -3	21 -4	31 12	33 5	23.7 1.1
NEW SALEM 1 S	MAX-MIN	23 -8	21 1	4 -2	8 -6	15 -8	16 4	8 -2	3 -15	1 -15	8 -8	12 -1	30 0	29 0	2 -7	9 -13	12 -6	6 -8	4 -23	-4 -25	6 -9	38 -5	33 16	41 13	15 4	20 6	28 5	42 20	29 -6	18 -8	31 5	30 11	17.4 -2.8
NEWTOWN	MAX-MIN	24 7	19 5	10 -11	8 -8	9 -7	10 -3	7 -2	1 -17	8 -11	13 -4	14 1	37 4	37 -3	2 -3	15 -15	12 -2	9 -9	5 -26	-3 -31	5 -5	35 -3	29 8	41 8	1 1	19 9	25 39	29 17	9 -18	24 -2	27 5	17.1 -4.0	
OAKES	MAX-MIN	17 -15	31 9	18 8	14 -2	8 -18	13 -16	17 0	9 -10	3 -21	7 -18	13 -18	20 5	28 12	14 2	7 -3	9 -8	11 -7	8 -5	-2 -33	-5 -22	4 -7	14 -3	24 10	31 0	14 3	15 2	35 2	37 5	6 -13	15 -11	34 -4	15.3 -5.7
PARK RIVER	MAX-MIN	21 1	15 -1	3 -5	6 -8	7 -7	10 -4	4 -9	1 -8	4 -14	4 -15	12 -10	19 0	24 -2	11 -4	9 -7	5 -6	4 -8	-1 -22	-12 -27	-1 -12	12 1	22 1	32 6	20 0	9 -12	17 -5	36 12	34 -3	7 -13	23 -1	28 14	12.6 -5.4
PARSHALL	MAX-MIN	24 10	20 1	4 -6	5 -12	15 -5	11 -5	7 -3	-1 -15	6 -13	12 -3	18 -5	36 1	36 -1	0 -4	16 -7	11 -3	6 -15	6 -27	-3 -32	5 -4	30 -1	29 8	43 8	1 -1	20 28	37 17	29 -10	9 -19	23 -5	29 3	16.5 -4.5	
PEMBINA 2 N	MAX-MIN	18 -2	18 7	10 -10	5 -16	5 -21	5 -5	11 -14	11 -16	5 -25	19 -20	23 10	23 -4	10 -7	10 -10	-3 -5	3 -18	0 -20	-14 -37	0 -17	9 -2	9 -25	27 5	27 3	18 -19	22 7	35 15	35 -1	4 -14	22 -12	25 -4	12.9 -9.1	
PETERSBURG	MAX-MIN	20 4	17 0	3 -4	7 -12	10 -13	7 -6	3 -11	5 -15	3 -15	7 -14	7 -7	17 1	23 -5	8 -4	5 -11	-1 -9	4 -14	-3 -29	-1 -14	13 -21	25 0	28 6	12 2	3 -13	17 -2	34 15	30 -8	5 -18	21 -5	20 7	10.9 -7.0	
PETTIBONE	MAX-MIN	25 1	20 0	4 -4	7 -10	10 -13	9 -9	8 -6	-1 -10	1 -17	11 -11	9 -6	23 -3	25 1	2 -5	-11 -11	-8 -9	7 -10	2 -20	-14 -14	-27 -27	-32 -32	-14 -14	-8 -8	1 -7	20 10	28 17	23 -14	9 -19	22 -3	24 10	12.0 -6.4	
PORTAL	MAX-MIN	20 4	20 5	7 -15	0 -12	8 -5	16 -5	6 -3	0 -15	12 -13	23 -11	22 -4	38 -6	0 -12	-4 -16	22 -2	38 -9	0 -14	-4 -27	-5 -32	-8 -14	8 -8	34 8	44 1	8 -7	0 -7	22 10	30 17	33 -13	-1 -14	12 -9	22 10	11.3 -8.6
POWERS LAKE 1 N	MAX-MIN	23 8	10 -3	2 -14	8 -14	12 -7	8 -8	3 -10	7 -26	16 -11	7 -5	12 -6	21 -7	9 -20	8 -1	10 -7	-8 -17	-10 -32	-6 -36	2 -7	36 -5	32 6	32 -7	2 -10	20 -18	40 17	6 6	23 -14	9 -19	22 -3	24 -3	14.6 -9.5	
RAUB 10 SSW	MAX-MIN	24 10	20 -4	6 -4	13 -6	15 -1	7 -10	15 -1	5 -10	7 -9	11 -5	14 -5	38 8	23 -1	2 -3	-11 -11	13 1	8 -6	5 -23	-1 -24	-6 -9	43 3	30 10	43 8	7 2	20 2	26 18	42 21	29 -7	15 -18	29 5	30 13	18.3 -0.8
RICHARDTON ABBEY	MAX-MIN	30 11	23 2	1 -1	12 -1	19 -2	27 10	15 -2	7 -6	4 -11	11 -6	15 -4	27 3	35 1	2 -4	15 -10	14 9	9 -5	-3 -21	-8 -21	8 -8	41 22	40 23	43 24	19 9	33 15	46 22	36 -5	19 -3	30 9	33 11	20.7 1.4	
RIVEROALE	MAX-MIN	13 -7	23 7	9 -2	4 -5	7 -5	14 10	12 -2	2 -6	4 -12	3 -6	7 -1	18 3	28 0	6 -1	1 -10	9 -8	11 -4	5 -20	-14 -27	-2 -14	4 -2	37 2	40 12	40 1	8 1	18 4	26 1	40 -8	-2 -6	28 -8	27 12	13.4 -3.3
ROLLA	MAX-MIN	20 2	14 -7	-5 -10	11 -12	8 -9	5 -3	-3 -10	2 -12	2 -15	3 -11	7 -5	22 0	-5 -5	-4 -4	-10 -10	-4 -12	1 -14	-3 -25	-7 -27	-2 -11	24 -3	24 -5	29 3	5 -6	7 -13	16 -4	37 13	31 -10	3 -18	32 -12	28 13	11.1 -7.8
RUGBY	MAX-MIN	24 3	20 3	4 -8	4 -12	9 -11	10 -5	5 -14	3 -15	0 -17	2 -12	9 -6	23 6	25 -3	6 -2	-15 -15	4 -14	5 -14	0 -32	-7 -32	-1 -8	24 -8	23 3	38 7	7 0	9 -16	20 17	32 -8	7 -17	23 -3	20 3	12.5 -7.3	
SAN HAVEN	MAX-MIN	21 4	15 0	6 -5	16 -6	9 -11	7 -10	9 -7	7 -9	4 -9	4 -5	7 -3	20 1	22 -6	5 -4	-1 -11	1 -9	-2 -11	-2 -27	-10 -34	-4 -13	13 -6	23 -2	27 5	23 -13	18 -2	16 5	36 -13	29 -9	3 -17	29 5	35 7	12.5 -5.8
SHARON	MAX-MIN	24 5	20 0	6 -4	10 -10	12 -11	19 -3	5 -5	-3 -13	4 -12	10 -11	12 -6	19 6	24 -4	8 -3	3 -9	0 -7	-3 -12	-4 -29	-14 -23	2 -23	19 -1	26 2	29 9	16 -1	5 -12	20 3	36 16	30 -7	10 -18	24 -3	12.5 -5.7	
STANLEY	MAX-MIN	24 10	12 2	4 -10	5 -10	13 -10	6 -9	4 -10	3 -17	4 -14	9 -17	13 -14	36 7	23 -7	3 -9	5 -17	8 -8	4 -11	-5 -29	-3 -37	3 -7	33 -3	39 -2	33 -2	2 5	19 11	35 15	18 -14	7 -16	17 -5	27 5	13.5 -7.1	
STEELE	MAX-MIN	25 3	22 0	3 -4	9 -7	13 -13	19 0	14 -8	2 -11	6 -20	14 -14	9 -4	24 -2	25 -1	5 -5	3 -14	12 -7	10 -10	2 -31	-4 -31	4 -9	20 0	23 10	36 12	26 2	13 0	28 -1	39 14	33 -7	14 -15	29 2	16.5 -5.3	
TIOGA 1 E	MAX-MIN	18 -3	24 4	10 -6	8 -10	10 -11	5 -5	9 -20	-1 -21	6 -3	1 -4	10 -4	19 1	38 -6	0 -5	-19 -19	7 -17	8 -13	-31 -34	-1 -13	2 -5	5 -2	35 4	38 6	23 -4	10 -8	22 8	35 -14	5 -17	10 -13	19 3	12.3 -8.4	
TOWNER	MAX-MIN	23 4	21 1	10 -9	11 -10	12 -12	11 10	4 -15	4 -18	2 -20	3 -17	10 -5	27 1	7 -4	10 -1	-18 -18	11 -4	5 -16	0 -33	-5 -33	0 -12	32 -12	30 0	15 -2	13 -12	15 1	40 2	28 -11	14 -11	28 -5	24 3	13.6 -8.7	
TURTLE LAKE	MAX-MIN	25 -10	23 1	4 -5	5 -10	11 -10	13 -2	6 -6	3 -9	2 -15	7 -10	23 -3	23 -3	1 -5	1 -14	10 -6	7 -10	5 -25	-4 -30	3 -30	35 -8	36 7	39 11	13 0	19 -5	24 1	40 7	34 -10	12 -15	27 -5	26 0	15.6 -6.2	
UNDERWOOD	MAX-MIN	14 -8	24 -6	9 -2	4 -9	4 -6	11 -4	15 0	3 -7	15 -14	4 -7	8 -4	19 1	29 -1	6 -3	-12 -12	7 -14	11 -8	12 -24	-4 -29	-3 -15	5 -4	29 -2	41 12	40 1	20 -9	26 1	39 2	39 -8	9 -12	24 -12	29 6	14.2 -6.4
UPHAM 3 N	MAX-MIN	22 2	22 3	5 -6	6 -13	12 -11	9 -3	7 -12	-1 -14	3 -23	4 -14	13 -19	24 -2	27 -4	5 -6	-21 -21	6 -8	-16 -16	-4 -33	-6 -7	2 -7	28 0	30 2	39 -2	7 -17	9 -13	19 2	37 32	11 -7	28 2	22 -1	14.4 -7.2	
VALLEY CITY	MAX-MIN	28 6	26 12	5 -6	14 -10	13 -11	12 -3	10 -10	4 -20	9 -14	12 -13	22 8	26 3	8 0	5 -2	8 -12	10 -8	8 -16	-8 -23	3 -10	17 -4	22 8	32 13	33 6	11 -4	25 4	37 15	37 -4	15 -1	11 -11	27 3	16.2 -2.5	
VELVA	MAX-MIN	25 7	21 2	4 -8	10 -10	17 -8	11 -9	6 -8	1 -13	0 -19	9 -16	16 4	26 7	25 -1	3 -3	7 -12	10 -3	6 -11	5 -32	-3 -32	2 -5	38 0	34 6	42 6	7 -13	15 -2	26 23	41 -7	32 -13	11 -13	27 5	30 9	16.3 -4.7
WAMPETON STATE SCHOOL	MAX-MIN	32 11	29 16	24 13	21 -4	6 -13	18 2	11 -3	6 -14	5 -23	5 -18	8 -12	21 0	26 3	10 -2	0 -12	13 -5	9 -12	-3 -15	-10 -32	5 -11	15 -5	23 7	30 15	26 8	12 -5	28 11	28 21	35				

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
DECEMBER 1955

Table 7

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALMONT 7 SW	SNOWFALL SN ON GND	0.5 15	T 15	1.0 16	16	16	16	T 16	0.5 16	16	16	16	0.5 17	T 17	T 17	17	17	T 17	17	T 17	17	17	16	16	16	16	16	16	14	14	14	14	12	
AMENIA	SNOWFALL SN ON GND	3	1.0 4	1.0 5	1.0 5	5	5	5	5	5	5	5	0.1 5	2.0 7	1.0 8	8	8	8	8	8	1.0 9	9	9	9	9	8	8	8	6	6	6	5	5	
AMIDON	SNOWFALL SN ON GND	T 2	T 2	T 2	1.0 3	3	3	T 3	T 3	T 3	3	3	3	T 3	3	3	3	3	T 3	3	3	3	3	2	1	T 1	1	1	1	1				
ASHLEY	SNOWFALL SN ON GND	1	T 1	1	1.0 2	2	2	2	2	2	2	2	T 2	0.5 3	0.5 3	3	3	3	3	T 3	3	3	3	3	2	2	T 2	2	1	1	1	1	1	
BEACH	SNOWFALL SN ON GND	1	0.3 1	0.2 1	0.5 1	1	1	T 1	0.5 1	0.1 1	0.3 1	1	1	1	0.2 1	0.2 1	1	1	1	0.3 1	1	1	1	T 1	T 1	2.0 2	2	2	1	1	T 1	T 1		
BELCOURT INDIAN RES	SNOWFALL SN ON GND	T 5	T 5	T 5	5	5	5	5	5	5	5	5	1.0 6	T 6	T 6	6	6	5	5	5	5	1.0 6	T 6	T 6	T 6	6	6	6	6	6	5	5	5	
BELFIELD	SNOWFALL SN ON GND	-	6	6	7	7	7	7	8	8	8	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	
BEULAH	SNOWFALL SN ON GND	9	1.0 10	T 10	T 10	10	10	10	T 10	T 10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	8	T 8	8	8	8	8	7	7	7	7
BISBEE	SNOWFALL SN ON GND	10	1.0 11	T 11	T 11	11	11	11	11	11	11	11	2.0 13	0.8 13	T 13	13	13	13	13	13	3.0 16	16	16	16	16	T 16	16	16	16	14	T 14	14	14	14
BISMARCK W8 AP	SNOWFALL SN ON GND WTR EQUIV	0.3 6 0.9	0.3 6 1.0	2.6 7 1.0	7 8 1.1	8 8 1.1	8 8 1.1	T 8 1.1	T 8 1.1	T 8 1.1	1.1 1.1	1.1 1.1	0.5 8 1.1	0.8 8 1.1	0.5 8 1.2	0.5 8 1.2	8 8 1.2	8 8 1.2	8 8 1.2	0.2 8 1.2	8 8 1.2	8 8 1.2	8 8 1.2	8 8 1.2	8 8 1.2	8 8 1.2	8 8 1.2	7 7 1.1	7 7 1.1	5 5 1.0	5 5 1.0	4 4 1.0		
BOTTINEAU	SNOWFALL SN ON GND	T 6	0.4 6	T 6	T 6	T 6	T 6	T 6	T 6	T 6	T 6	T 6	1.0 6	0.5 8	0.5 8	8	8	8	8	0.2 8	0.2 9	0.2 9	0.2 9	T 9	T 9	0.1 9	T 9	T 9	T 9	T 9	T 9	T 9		
BOWBELLS	SNOWFALL SN ON GND	2.0 8	T 8	8	8	8	T 8	T 8	T 8	T 8	8	8	8	8	3.0 10	T 10	10	10	10	2.0 11	11	11	11	11	T 11	11	11	10	9	9	9	9	9	
CENTER	SNOWFALL SN ON GND	1.0 9	T 9	1.0 10	10	10	10	T 10	T 10	10	10	10	10	T 10	T 10	T 10	10	10	10	T 10	10	10	10	10	10	10	10	10	9	8	8	8	7	
CROSBY	SNOWFALL SN ON GND	0.7 5	T 5	5	5	5	T 5	T 5	5	4	T 5	4	1.0 4	T 4	4	4	4	4	4	T 4	4	0.2 4	1.3 5	5	T 5	5	4	4	4	4	4	3	3	
DEVILS LAKE W8 CITY	SNOWFALL SN ON GND	0.4 10	1.6 10	0.5 10	T 10	T 10	T 10	T 10	T 10	9	9	9	1.2 9	1.0 9	0.9 11	11	10	10	10	0.1 10	0.1 11	0.1 12	0.1 12	T 12	T 12	T 12	0.1 11	T 11	T 11	T 11	10	10	10	
DICKINSON CAA AP	SNOWFALL SN ON GND	0.3 2	0.1 3	0.5 3	T 3	3	3	0.2 3	T 3	T 3	T 3	T 3	T 3	T 3	3	3	3	3	T 3	0.1 3	T 3	T 3	2	0.1 1	0.2 1	1	1	1	1	1	1	1	1	
DICKINSON EXP STATION	SNOWFALL SN ON GND	3	0.1 3	T 3	1.0 4	4	4	T 4	0.4 4	T 4	T 4	T 4	4	4	4	4	4	4	4	T 4	T 4	T 4	4	4	3	3	3	3	3	1	1	1	1	
DUNN CENTER 2 SW	SNOWFALL SN ON GND	5	1.0 6	6	-	T 6	T 6	T 6	T 6	T 6	6	6	6	6	T 6	6	6	6	6	6	6	6	6	6	4	-	5	5	5	5	4	4	4	
EDMORE 1 W	SNOWFALL SN ON GND	15	1.5 17	17	17	16	16	15	T 15	T 15	15	15	14	14	1.5 16	2.0 18	17	17	17	17	16	2.5 19	1.0 20	20	17	16	16	16	15	15	14	14	14	
ELLENDALE	SNOWFALL SN ON GND	T 10	T 10	1.5 11	2.0 11	3	3	3	T 3	3	3	3	T 3	2.0 3	4	4	4	4	4	0.7 4	T 4	4	3	3	3	3	T 3	3	2	2	2	2	2	
FARGO W8 AP	SNOWFALL SN ON GND WTR EQUIV	2 0.3	0.2 0.3	0.7 0.3	0.6 0.4	3 0.4	3 0.4	T 3	3 0.4	3 0.4	3 0.4	3 0.4	T 3	2.5 0.6	5 0.6	5 0.6	5 0.6	5 0.6	5 0.6	4 0.5	4 0.5	4 0.5	4 0.5	4 0.5	4 0.5	4 0.5	4 0.5	4 0.5	0.1 0.5	T 0.6	T 0.6	3 0.4	3 0.4	
FORT YATES	SNOWFALL SN ON GND	3	0.5 4	4.2 8	2.3 10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	5	5	5	5	5	
FOXHOLM 7 N	SNOWFALL SN ON GND	0.5 10	0.5 11	T 11	T 11	T 11	T 11	T 11	T 11	T 11	T 11	T 11	T 11	T 11	T 11	11	11	11	11	10	10	10	10	10	10	10	10	10	8	8	8	8	7	
FULLERTON	SNOWFALL SN ON GND	T 10	T 10	4.4 11	4	4	4	4	4	4	4	4	4	1.8 5	5	4	4	4	4	4	4	4	4	4	4	4	4	3	3	2	2	2	2	
GARRISON	SNOWFALL SN ON GND	-	0.9 4	T 6	T 6	-	-	T 6	T 6	T 6	-	-	-	T 6	0.5 6	0.6 6	-	-	-	T 6	-	-	-	-	-	0.5 6	-	-	-	-	-	-	-	
GRAFTON	SNOWFALL SN ON GND	15	15	1.3 16	1.3 16	16	16	16	16	16	16	16	2.0 16	T 16	1.0 17	1.0 17	17	17	17	T 17	T 17	2.0 19	T 19	T 19	19	19	19	19	19	15	15	15	14	
GRAND FORKS CAA AP	SNOWFALL SN ON GND	9	0.9 9	0.3 9	0.1 9	9	9	0.1 9	8	7	7	7	1.4 7	1.1 9	2.0 11	0.4 11	11	10	10	0.1 10	1.9 10	0.2 12	T 12	T 12	12	12	12	11	10	9	9	9	8	
GRAND FORKS UNI	SNOWFALL SN ON GND	8	0.2 9	T 9	T 9	9	9	T 9	9	8	7	7	0.5 8	1.2 9	0.3 9	9	9	9	9	T 9	2.0 11	11	11	11	11	0.2 11	11	10	9	9	9	8		
GRANVILLE	SNOWFALL SN ON GND	1.0 12	1.0 13	T 13	T 13	13	13	T 13	T 13	13	13	13	13	1.0 14	1.0 14	14	14	14	14	T 14	T 14	T 14	T 14	T 14	T 14	T 14	T 14	14	13	13	13	13	13	
HANSBORO	SNOWFALL SN ON GND	T 15	0.3 15	0.1 15	15	15	T 15	T 15	15	15	15	15	1.0 16	0.3 16	0.3 16	16	16	16	16	16	0.1 16	1.5 17	0.3 17	T 17	17	17	17	17	17	17	17	17	17	
HETTINGER	SNOWFALL SN ON GND	1.0 4	T 4	2.0 6	6	6	4	T 4	T 4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	2	2	2	2	1	1	1	1	1	
JAMESTOWN CAA AP	SNOWFALL SN ON GND	4	1.0 5	1.0 5	T 6	6	6	T 5	T 5	T 5	5	5	1.0 5	T 6	T 6	T 6	T 6	0.2 6	T 6	T 6	T 6	T 6	5	5	5	5	5	5	5	4	4	4	1	
KENSAL WILDLIFE REFUGE	SNOWFALL SN ON GND	9	0.5 10	T 10	T 10	10	10	10	10	10	10	10	10	0.5 10	2.0 12	T 12	12	12	12	12	12	T 12	-	10	10	10	9	8	7	7	7	6		
KILLDEER 8 NW	SNOWFALL SN ON GND	6	T 6	T 6	6	6	6	T 6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	4	3	1.0 4	3	2	1	1	1	1		
MANDAN EXP STATION	SNOWFALL SN ON GND	T 6	0.5 6	1.0 6	1.3 7	7	7	7	7	7	7	6	T 6	T 6	T 6	6	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4		
MAYVILLE	SNOWFALL SN ON GND	5	0.5 5	0.5 5	5	5	5	T 5	T 5	5	5	5	0.8 5	1.5 6	0.4 6	6	6	6	6	6	6	1.2 6	T 7	T 7	7	6	6	6	5	5	5	5	5	
MC CLUSKY	SNOWFALL SN ON GND	10	0.5 10	1.0 10	1.0 10	10	10	10	10	9	9	9	0.7 9	0.4 9	9	9	9	9	9	9	8	8	8	8	7	7	7	7	7	7	7	7		
MC HENRY 5 N	SNOWFALL SN ON GND	7	0.7 8	0.2 8	8	8	8	8	8	8	8	8	0.1 8	0.1 8	8	8	8	8	8	8	0.3 8	8	8	8	8	T 8	8	8	8	8	8	8	8	

Table 7—CONTINUED

SNOWFALL AND SNOW ON GROUND

NORTH DAKOTA
DECEMBER 1955

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MEORA 4 NNE	SNOWFALL 5N ON GNO	1.0 3	0.5 3	T 3	3	3	1.0 4	0.5 4	1.0 5	1.0 6	5	4	4	T 4	4	4	4	4	T 4	T 4	4	3	3	3	1.0 4	4	3	2	2	2	2	2		
MINOT CAA AP	SNOWFALL 5N ON GNO	1.1 5	1.0 7	0.1 7	T 7	T 6	0.1 6	T 6	0.1 6	T 6	0.1 6	T 6	T 6	0.4 6	T 6	T 6	T 6	T 6	0.2 6	0.3 6	0.1 6	T 6	0.4 6	0.1 6	0.1 6	T 6	6	5	5	5	5			
MINOT EXP STATION	SNOWFALL 5N ON GNO	6	2.0 8	T 8	T 8	8	8	8	8	0.2 8	8	0.3 8	T 8	8	0.3 8	8	8	8	8	8	8	8	8	8	0.2 8	8	8	8	8	7	7	7		
MOHALL	SNOWFALL 5N ON GNO	1.0 9	1.0 10	10	10	10	9	9	9	9	8	T 9	T 9	T 9	8	7	7	7	7	T 9	2.0 9	9	9	1.0 10	T 10	10	9	9	9	9	8	8		
MONTPELIER	SNOWFALL 5N ON GNO	2	0.2 2	0.5 3	T 3	3	3	3	3	3	T 3	0.1 3	0.7 3	T 3	T 3	T 3	T 3	T 3	T 3	3	3	2	2	1	1	1	1	T 3	T 3	T 3	T 3	T 3		
MOTT	SNOWFALL 5N ON GNO	T 6	1.0 7	0.5 7	T 7	7	6	0.3 6	6	6	6	6	6	6	6	T 6	T 6	6	6	6	T 6	5	5	3	3	3	3	T 6	T 6	2	2	2	2	
MUNICH 4 SW	SNOWFALL 5N ON GNO	11	1.5 12	12	12	12	12	12	12	12	12	1.0 13	1.0 13	0.5 13	0.5 13	13	13	13	13	13	13	13	15	15	15	14	14	14	14	12	12	12	11	10
NAPOLEON	SNOWFALL 5N ON GNO	7	0.5 8	1.0 8	0.2 8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	0.8 10	10	10	10	9	9	9	9	8	8	8	8	8		
OAKES	SNOWFALL 5N ON GNO	T 1	— 1	— 1	3.0 4	4	4	T 4	4	4	4	T 4	T 4	2.0 4	T 4	— 4	— 4	— 4	— 4	— 4	6	6	6	6	6	6	6	6	4	3	3	3	3	
PARSHALL	SNOWFALL 5N ON GNO	1.0 11	T 11	T 11	11	11	11	11	11	11	11	T 11	T 11	11	11	11	11	11	11	11	2.0 11	T 11	12	12	T 11	10	10	10	8	8	8	8	8	
PETERSBURG	SNOWFALL 5N ON GNO	8	8	8	8	8	0.5 8	8	8	8	7	7	0.5 7	0.5 7	0.5 7	0.4 7	9	9	9	8	8	2.0 10	9	9	9	9	0.5 10	10	9	8	8	8	8	
PETTIBONE	SNOWFALL 5N ON GNO	8	8	0.5 8	8	8	8	8	8	8	8	8	8	8	1.0 8	8	— 8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7		
PRETTY ROCK	SNOWFALL 5N ON GNO	0.5 7	T 7	T 7	T 6	6	6	6	6	6	6	1.5 6	1.5 6	2.5 6	1.5 6	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	
RICHARDTON ABBEY	SNOWFALL 5N ON GNO	0.5 2	0.6 3	0.5 3	0.2 3	3	3	0.3 3	0.7 3	T 3	3	T 3	T 3	2	2	2	2	T 2	2	0.2 2	0.1 2	2	1	1	1	0.2 1	1	1	1	1	1	1	1	
RIVERDALE	SNOWFALL 5N ON GNO	T 5	T 5	T 5	0.5 6	T 6	6	T 6	T 6	T 6	T 6	T 6	T 6	0.5 6	T 6	5	5	5	5	5	T 5	5	T 5	T 5	0.5 4	4	4	T 4	T 4	4	4	4		
ROLLA	SNOWFALL 5N ON GNO	0.6 12	1.0 13	T 13	T 13	13	13	13	13	13	13	2.0 13	15 13	15 13	15 13	15 13	15 13	15 13	15 13	T 13	4.0 13	T 13	T 13	T 13	19 13	19 13	19 13	19 13	19 13	19 13	19 13	19 13	19 13	
SAN HAVEN	SNOWFALL 5N ON GNO	T 8	0.1 8	8	8	8	8	8	8	8	8	1.0 8	0.2 8	0.1 8	9	9	9	9	9	0.3 9	T 9	1.5 9	1.1 9	0.1 9	T 9	11	11	11	11	11	11	11	11	
SHARON	SNOWFALL 5N ON GNO	12 12	1.0 13	0.5 14	14	14	14	13	13	7	7	7	7	0.5 7	8	8	8	8	8	8	8	1.5 10	10	10	9	9	0.5 9	9	7	7	7	7	7	
STANLEY	SNOWFALL 5N ON GNO	6	2.0 8	8	8	8	8	8	8	8	8	8	8	T 8	1.5 6	T 6	T 6	6	6	6	6	6	6	1.0 6	— 6	— 6	— 6	— 6	— 6	— 6	— 6	— 6	— 6	— 6
UPHAM 3 N	SNOWFALL 5N ON GNO	0.5 12	1.5 14	T 14	14	14	14	14	14	14	T 14	1.0 15	T 15	T 15	15	15	15	15	15	T 15	2.0 15	T 15	17	17	0.5 15	T 15	17	17	17	17	17	17	17	
VALLEY CITY	SNOWFALL 5N ON GNO	—	0.5 —	0.8 —	T —	—	—	—	—	—	—	—	—	0.5 —	0.8 —	0.2 —	—	—	—	T —	0.5 —	—	—	—	—	—	—	—	—	—	—	—	—	
WAMPETON STATE SCHOOL	SNOWFALL 5N ON GNO	1	1.0 2	0.5 2	7.0 9	9	9	9	9	8	8	8	8	7	9	9	9	9	9	9	9	9	8	8	7	7	7	6	5	5	5	5		
WESTHOPE	SNOWFALL 5N ON GNO	2.0 —	1.0 —	—	—	—	—	—	—	—	—	1.0 —	T —	1.0 —	—	—	—	—	—	—	T —	3.0 —	T —	T —	1.0 —	—	—	—	—	—	—	—	—	
WILLISTON WB CITY	SNOWFALL 5N ON GNO	1.1 4	0.1 5	T 5	T 5	T 5	0.1 5	5	5	5	5	5	5	1.2 5	0.2 5	6	6	6	6	6	6	6	7	6	0.5 6	0.6 6	T 6	5	5	5	3	3	3	
	WTR EQUIV	0.6 5	0.7 6	0.7 6	0.7 6	0.7 6	0.7 6	0.7 6	0.7 6	0.7 6	0.7 6	0.8 6	0.8 6	0.9 6	0.9 6	0.9 6	0.9 6	0.9 6	0.9 6	0.9 6	0.9 6	1.0 6	0.8 6	0.7 6	0.8 6	0.8 6	0.8 6	0.8 6	0.8 6	0.8 6	0.8 6	0.8 6		
WILLOW CITY	SNOWFALL 5N ON GNO	1.0 5	1.0 6	T 6	6	6	T 6	6	6	6	6	2.0 6	8	T 6	8	8	8	8	7	7	2.0 9	1.0 10	T 10	10	T 10	10	10	9	9	9	9	9		

CLIMATOLOGICAL DATA

TABLE 2

NORTH DAKOTA
DELAYED DATA

Station	Temperature										Precipitation												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days				Total	Departure From Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
										Max.		Min.						Total	Max. Depth on Ground	Date	.18 or More	.50 or More	1.00 or More
										90° or Above	32° or Below	32° or Below	0° or Below										
JUNE 1955 MIDDLE DIVISION WASHBURN	74.4	49.2	61.8	-3.1	89	29	39	8	136	0	0	0	0	2.71	- .68	.99	2	.0	0		6	2	0
JULY 1955 EASTERN DIVISION PETERSBURG	84.0	59.6	71.8		99	21	40	9	16	8	0	0	0	2.06	- .90	.57	26	.0	0		8	1	0

DAILY PRECIPITATION

Table 3

Station	Total	Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
JUNE 1955 WASHBURN	2.71	T	.99	.03		.12	.08	.33	.14	.47	.01							T														.54		
JULY 1955 PETERSBURG	2.06	.15	.29	.23					.09	.04			.12	.26													.04	.57	.02	.14			.11	
SEPTEMBER 1955 GLEN ULLIN 13 N	.83																	.02		.81														

DAILY TEMPERATURES

Table 5

Station		Day Of Month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JUNE 1955 WASHBURN	MAX MIN	73 46	72 52	71 53	68 51	70 46	65 47	67 41	58 39	52 41	67 46	65 44	67 45	71 40	78 48	83 58	81 56	76 59	87 50	83 50	77 47	79 45	75 45	80 44	73 49	75 48	79 51	82 59	85 58	89 59	83 58	74.4 49.2	
JULY 1955 PETERSBURG	MAX MIN	77 51	76 55	81 59	79 59	89 57	87 64	88 67	79 59	68 40	73 51	79 55	90 67	79 65	80 63	80 56	86 56	88 63	87 57	90 63	90 68	99 70	91 61	85 55	82 51	94 65	88 59	68 60	79 62	85 65	94 65	92 61	84.0 59.6

STATION INDEX

NORTH DAKOTA
DECEMBER 1955

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables
Adams 7 S	0022	Walsh	10	48 20	98 08	1554	6P	Myron J. Bata	3	Meville	5833	Foster	5	47 20	99 02	1625	WID	Edgar S. Stegweier	2 3 5 7 C
Alexander	0036	McKenzie	13	47 40	103 38	1590	6P	Arthur J. DeRamus	3	Winst CAA AP	5983	Ward	12	48 15	101 17	1722	WID	U.S. Civil Aero Adm	2 3 5 7 C
Albion 1 S W	0130	Morton	10	46 43	101 39	2307	7P	Bogun Rasmussen	2 3 5 7	Winst Exp. Station	5983	Ward	12	48 15	101 17	1722	WID	SA N.C. Acri. Exp. Sta.	2 3 5 7 C
Amrose 3 W	0089	Divide	12	49 00	103 28	2200	5P	U.S. Border Station	2 3 5 7	Moffitt 4 SE	6015	Burleigh	8	48 40	100 14	1780	5P	U.S. Fish & W.L. Ser	2 3 5 7
Awenia	1998	Cass	11	47 00	97 13	1860	5S	Virgil L. Geheke	2 3 5 7	Monahill	6025	Reynolds	12	48 46	101 31	1639	6P	Grover Fulton	2 3 5 7
Axidion	0209	Slope	1	46 29	103 19	2910	8A	Adrian R. Waller	2 3 5 7 C	Montpelier	6105	Stutsman	5	46 42	98 35	1379	6P	Rolf Hanson	3 7
Beck	0263	Bottineau	12	48 58	99 22	1540	WID	F. B. Wegner	3	Montpelier	6155	Bettinger	1	46 23	102 20	2450	5S	Wm. C. Coffing	2 3 5 7
Arvilla State Park	0369	Grand Forks	10	47 56	97 30	960	6P	Albert Thoren	2 3 5	Munich 4 SW	6195	Cavalier	8	48 38	98 53	1598	7P	Rarold Franker	2 3 5 7 C
Ashley	0362	McIntosh	8	46 02	99 22	2025	5S	Soo Line Agent	2 3 5 7 C	Napoleon	6255	Logan	8	48 29	99 45	1559	7P	Ted C. Frank	2 3 5 7 C
Baldhill Dam	0620	Rolette	9	48 50	99 45	1960	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C	New England	6315	Bettinger	1	46 23	102 20	2450	6P	Anton Selinger	2 3 5
Balfour	0492	McHenry	12	47 57	100 32	1615	WID	Raymond F. Weller	3	New Rockford 7 WNW	6355	Eddy	5	47 43	99 16	1550	6P	Richard Steinhack	3
Balta	0500	Pierce	11	48 10	100 02	1550	6P	Anton Schaefer	3	New Salem 1 S	6365	Ward	4	46 50	101 29	2103	6P	William F. Gabe	2 3 5
Bantry	0516	McHenry	12	48 30	100 36	1618	9A	Temple K. Roberts	3	Newton	6383	Mountrail	8	47 59	102 29	1905	6P	Erwin A. Ventsch	2 3 5 C
Beach	0580	GoldenValley	7	46 55	104 01	2454	8A	Elen Tobias	2 3 5 7 C	Newton	6455	Divide	12	48 53	103 01	1860	6P	George Kostek	3 C
Belcourt Indian Res.	0620	Rolette	9	48 50	99 45	1960	7P	Turtle Mt. Ind. Ag.	2 3 5 7 C	Northgate	6535	Burke	12	49 00	102 16	1830	WID	U.S. Customs Sta.	3
Belfield	0630	Stark	4	46 53	103 11	2592	7P	Carl Undergaard	2 3 5 7	Nortonville	6565	La Moure	5	46 33	98 44	1508	8A	Henry L. Erickson	3
Berthold	0729	Ward	12	48 19	101 44	2080	6P	Joseph S. Cox	3	Oakes	6620	Dickey	5	46 08	98 05	1320	8A	E. Carrie Murray	2 3 5 7 C
Besulah	0766	Mercer	6	46 16	101 47	1780	6A	Mont. Dak. Util. Co.	2 3 5 7 C	Park River	6657	Walsh	10	48 23	97 45	990	5P	Martin Severson	2 3 5
Bismarck	0819	Burleigh	8	46 46	100 45	1650	WID	U.S. Weather Bureau	2 3 5 7 C	Parshall	6667	Mountrail	12	47 57	102 08	1929	9A	C. E. Shubert	2 3 5 7
Bismarck 12 ENE	0827	Burleigh	8	46 51	100 33	1709	8A	KFTR Transmitter	3	Pembina 2 N	6947	Pembina	10	49 00	97 14	798	4P	W.D. S. Customs & Ins.	2 3 5 C
Bottineau	0941	Bottineau	12	48 50	100 27	1640	8A	N.D. Sch. of Frstry	2 3 5 7	Petersburg	7027	Weldon	10	48 01	98 00	1524	5P	Rev. Odean Monson	2 3 5 7
Bowells	0961	Burke	12	48 10	102 15	1953	8A	Felix L. Adams	2 3 5 7	Pettibone	7047	Kidder	8	47 07	99 31	2855	7P	Arthur J. DeKray	2 3 5 7 C
Bowman Court House	0985	Bowman	3	46 11	103 23	2860	3P	D. B. Hook	2 3 5 C	Pluigne	7117	Stutsman	5	47 10	98 54	1572	6P	Jerry W. Tangney	3
Bowman 11 S	0989	Bowman	3	46 04	103 19	2810	6P	Bernard L. Domagala	3	Portal	7201	Burke	12	48 34	102 38	2205	7P	Herbert J. Clark	2 3 5
Bowman 30 NW	1001	Slope	7	46 35	103 31	2505	5P	John H. Hanson	3	Powers Lake 1 N	7281	Burke	8	48 34	102 38	2205	7P	Herbert J. Clark	2 3 5
Braien	1052	Morton	1	46 24	100 56	1720	WID	Frank E. Potter	2 3 5 7 C	Pretty Rock	7311	Grant	1	46 11	101 51	-	6P	Freda Lear	3 7
Buckman	1124	Stutsman	5	47 04	98 48	1572	WID	F. B. Bendrickson	3 C	Rauh	7403	McLean	8	47 44	102 04	1885	6P	Alvin Larson	2 3 5
Burt 16 S	1216	Bettinger	1	46 36	102 08	2244	8A	Carl Schaefer	2 3 5 7 C	Raub 10 SSW	7408	McLean	8	47 36	102 13	1950	6P	Lyle P. Holman	3
Butte	1225	McLean	12	47 50	100 40	1880	8A	Earl R. Ward	2 3 5	Raub 10 SSW	7450	Divide	1	46 19	102 57	2784	3	Chas. W. Metzinger	3
Cando	1288	Towner	2	48 29	99 12	1481	WID	Barry B. Barria	2 3 5 7 C	Richardson Abbey	7530	Stark	4	46 58	102 19	2470	5P	Assumption Abbey	2 3 5 7 C
Carrington	1360	Poster	5	47 27	99 18	1586	8A	Andrew C. Reinitz	2 3 5 C	Riverdale	7585	McLean	8	47 30	101 21	1910	8A	Corps of Engineers	2 3 5 7 C
Carleton	1365	Grant	4	48 25	101 24	2200	6P	Wm. D. Drummond	2 3 5 7 C	Riverdale	7631	Rolette	12	48 00	99 50	1625	5P	Carl E. Schubert	2 3 5 7
Carson No. 2	1370	Grant	4	48 25	101 24	2210	8A	Wm. D. Drummond	2 3 5 7 C	Rolla	7664	Rolette	12	48 22	100 37	1819	7P	Theo. B. Fagerlund	2 3 5 7
Cavalier	1435	Pembina	9	48 48	97 38	889	6P	Willie Hansen Pico	2 3 5	Rugby	7704	Pierce	12	48 22	100 37	1819	6P	Frank Hornstein	2 3 5
Center	1456	Oliver	8	47 07	101 18	2100	7P	Fred L. Belz	2 3 5 7	Ryder	7749	Ward	8	47 55	101 40	2108	6P	S. C. Schellenbaum	3 C
Colgate	1686	Steele	10	47 14	97 39	1180	6P	John P. Burdick	2 3 5	San Haven	7824	Rolette	12	48 50	100 02	2001	6P	W.D. State Hospital	2 3 5 7
Columbus	1696	Burke	12	48 54	102 47	1930	6P	J. D. Sundell	2 3 5	Sarles 1 SW	7844	Towner	2	48 56	98 00	1802	3	David R. Madlad	3
Cooperstown	1766	Griggs	11	47 26	98 47	1428	5P	Deland M. Marson	2 3 5	Scranton	7932	Bowman	3	46 09	103 09	2776	6P	Frank Timm	3
Courtenay	1816	Stutsman	5	47 13	98 34	1253	5P	G. B. Banavatt	2 3 5	Selbridge 11 W	7952	Sioux	8	46 01	101 10	2183	7P	L. B. Wilson	3
Crosby	1871	Divide	12	48 54	103 18	1952	6P	Thomas C. Allua	2 3 5 7 C	Sentinel Butte 20 S	7976	GoldenValley	7	46 37	103 49	2662	7P	G. E. Bury	3
Dawson	1918	Kidder	8	48 52	99 45	1730	WID	Ralph W. Wise	2 3 5 7 C	Sharon	7986	Steele	10	47 35	97 34	1516	8P	High Lyon	2 3 5 7
Devils Lake NB City	2158	Ramsey	2	48 07	98 28	1471	WID	U.S. Weather Bureau	2 3 5 7 C	Sheldon 3 N	8047	Reynolds	12	48 01	100 38	1647	7P	Steele Ozone Press	2 3 5
Dickinson CAA AP	2183	Stark	4	46 47	102 48	2589	WID	U.S. Civil Aero Adm	2 3 5 7 C	Shenandoah 3 N	8057	Eddy	11	47 50	99 07	1480	6P	Alvin B. Kennedy	3 C
Dickinson Exp. Station	2188	Stark	4	46 53	102 48	2460	7A	Dickinson Exp. Sta.	2 3 5 7 C	Shields	8065	Grant	1	46 14	101 07	1846	6P	James W. Rodenbaugh	3
Dossybrook	2242	Ward	12	48 31	101 53	1760	6P	Fred E. Feldner	2 3 5	Stanley	8276	Mountrail	8	48 19	102 24	2260	7P	Leroy Edwards	2 3 5 7 C
Dunsmuir	2298	McHenry	12	48 29	99 12	1481	6P	Wm. D. Drummond	2 3 5 7 C	Steele	8343	Kidder	8	47 11	98 55	1857	6P	Steele Ozone Press	2 3 5
Dunn Center 2 SW	2365	Dunn	6	47 20	102 38	2232	7A	Chesley M. Dinkins	2 3 5 7	Sykeston	8608	Wells	5	47 28	99 24	1634	4P	Edward Sodars	3
Eckman 2 SE	2472	Bottineau	12	48 39	101 01	1495	7A	John B. Zuercher	2 3 5	Tagus	8627	Mountrail	12	48 20	101 56	2179	6P	W. R. Ellingshoe	3
Edeley Exp. Farm	2482	La Moure	5	46 20	98 42	1568	8A	W.D. Agri. Exp. Sta	2 3 5 7 C	Tioga 1 E	8737	Williams	8	48 24	102 55	2245	8A	Signal Oil & Gas Co.	2 3 5
Edmore 1 W	2525	Ramsey	2	48 25	98 28	1520	5P	Mike Davis	2 3 5 7	Tolley 3 NE	8764	Reynolds	12	48 46	101 47	1762	7P	Burt Mem. Boys Home	3
Ellendale	2592	Grant	4	48 00	98 31	1460	8P	John A. Mullinger	2 3 5	Tower	8792	McHenry	12	48 21	100 24	1482	7P	Arthur B. Rieder	2 3 5
Emerylin	2665	Ramsey	11	46 38	97 36	1120	7A	Paul Gross	2 3 5 7	Trotters 6 SE	8807	GoldenValley	7	47 18	103 52	2434	5P	Walter Gruenwald	3
Eppa	2738	Williams	8	47 17	103 21	2224	6P	Leonard Peterson	2 3 5	Trotters 3 S	8812	GoldenValley	13	47 17	103 54	2420	6P	John O. Nellerson	2 3 5 C
Esmond	2767	Benson	11	48 02	99 46	1650	WID	Leola O. Ferling	2 3 5 7 C	Turtle Lake	8840	McHenry	12	48 03	100 55	1511	6P	Knut Sondrol	3
Fairfield	2809	Billing	7	47 11	103 13	2750	6P	John Petyrzak	2 3 5	Tuttle	8850	Kidder	8	47 08	100 00	1880	5P	Theodore C. Ochner	3
Fargo NB Airport	2859	Cass	10	46 54	96 48	895	WID	U.S. Weather Bureau	2 3 5 7 C	Underwood	8872	McLean	8	47 27	101 08	2026	7A	Clarence W. Johnson	2 3 5
Fessenden	2885	Stutsman	5	47 38	101 25	1931	6P	Carl E. Rust	2 3 5	Upham 3 N	8913	McHenry	12	48 37	100 44	1425	5P	U.S. Wildlife Ref.	2 3 5 7
Flasher	3009	Morton	1	46 27	101 14	1930	8A	George W. Sinclair	3	Valley City	8937	Barnes	9	48 09	103 06	1229	6P	Wies I. C. Robertson	2 3 5 7
Flatton	3019	Burke	12	48 54	102 23	1940	6P	Palmer M. Dushan	2 3 5	Velva	8990	McHenry	12	48 03	100 55	1511	6P	Oscar Anderson	2 3 5
Forbes 13 NW	3064	Dickey	5	46 04	98 56	1988	6P	Theodore A. Wirth	2 3 5	Verona	9035	La Moure	5	46 22	98 05	1382	6P	Warren O. Tang	3
Forman	3117	Sargent	10	46 06	97 39	1249	6P	Art Waterman	2 3 5	Wahpeton Power Plant	9105	Richland	10	47 16	96 36	962	5P	Victor Burton	3 C
Fort Sioux	3146	Sioux	8	46 10	100 23	1640	6P	Art Waterman	2 3 5 7 C	Wahpeton State School	9090	Richland	10	46 16	96 36	962	5P	St. Seb of Science	2 3 5 7
Foxholm 7 N	3217	Ward	12	48 27	101 34	1609	5P	U.S. Wildlife Ref.	2 3 5 7 C	Walsh	9155	Pembina	9	48 55	97 55	950	6P	Felix A. Gastonway	3
Fryburg 1 NB	3277	Billing	4	46 53	103 18	2742	WID	Elmer Stubbs	2 3 5 7 C	Warwick	9185	Benson	11	47 51	99 42	1475	6P	Virgil B. Johnson	3
Fullerton	3287	Dickey	5	46 10	98 25	1439	6P	F. O. Alin	2 3 5 7	Wasburn	9195	McLean	8	47 17	101 02	1770	5P	Judy Borlaug	2 3 5
Gackle	3309	Logan	5	46 38	99 08	1951	6P	Alvin Humel	2 3 5	Wasburn Water Wks	9205	McLean	8	47 17	101 02	1770	5P	Wasburn Water Wks	3
Garrison	3376	McLean	12	47 38	101 25	1931	7A	Albert J. Reirele	2 3 5	Watanga, S. D. 8 N	9219	Grant	1	46 02	101 34	2074	6P	Mary E. Katus	2 3 5 C
Glen Dlin	3496	Morton	4	46 49	101 49	2090</													

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

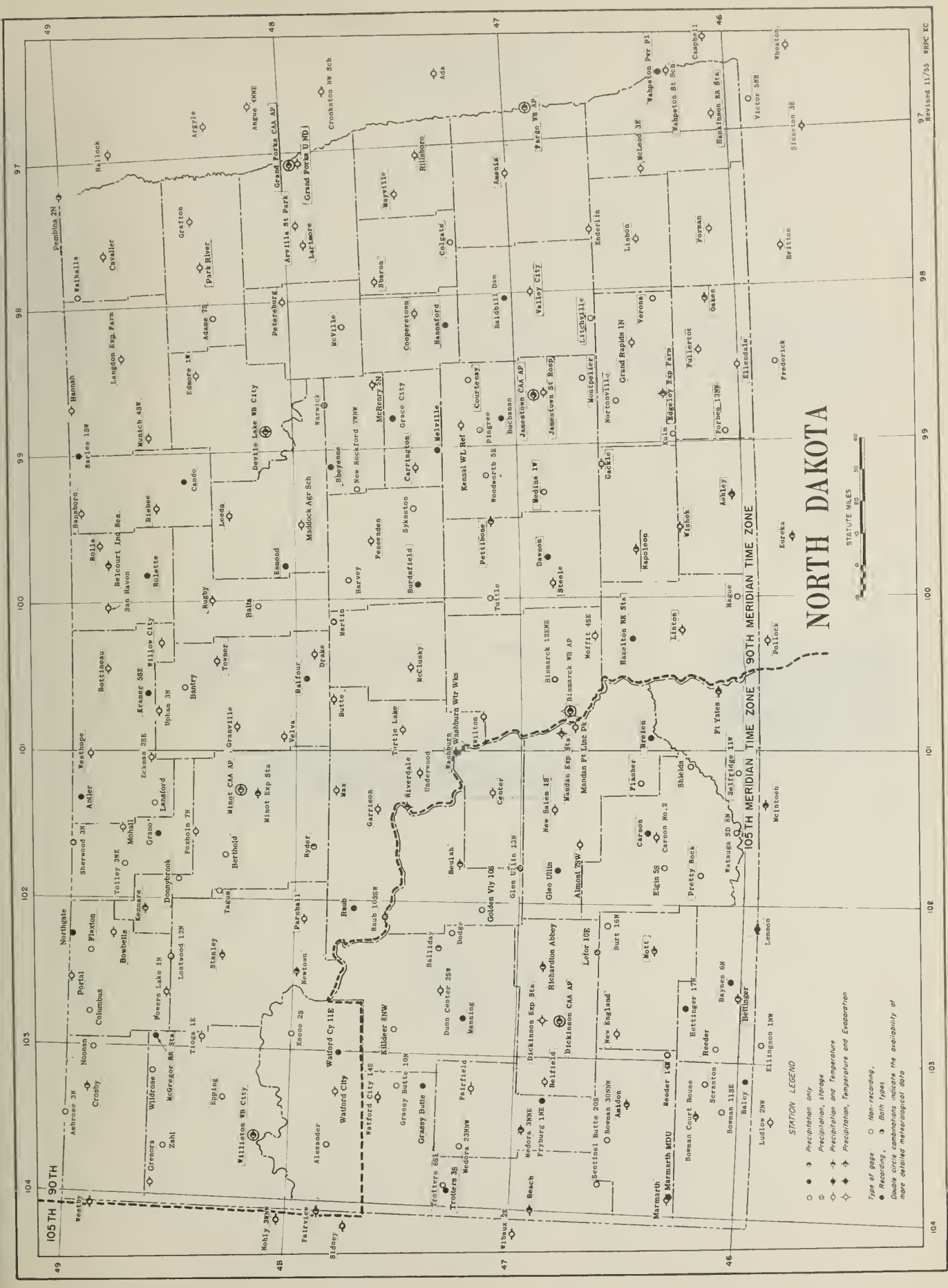
Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.
- + And also on a later date or dates.
- * Amount included in following measurement, time distribution unknown.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- // Gage is equipped with a windshield.
- AM Data based on observational day ending before noon.
- B Adjusted to a full month.
- C Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.
- E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
- M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.
- SS This entry in time of observation column in Station Index means observation made near sunset.

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NWRC, ASHEVILLE, N. C. -- 2-3-56 -- 880



NORTH DAKOTA

STATUTE MILES
0 10 20 30 40 50 60

- STATION LEGEND**
- Precipitation only
 - Precipitation, storage
 - ◊ Precipitation and Temperature
 - ◆ Precipitation, Temperature and Evaporation
- Type of gauge: ○ Non-recording, ● Recording, ◊ Both types.
Double circle combinations indicate the availability of more detailed meteorological data

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CLIMATOLOGICAL DATA

NORTH DAKOTA

ANNUAL SUMMARY 1955

Volume LXIV No. 13

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WEATHER SUMMARY

Normality was the outstanding feature of the 1955 weather in North Dakota. Temperature was down 0.6° from normal to 39.4° , while precipitation amounts were lacking only 0.11 inch or 99 percent of expectations. The noteworthy feature was the balance of extremes in temperature and precipitation rather than moderation throughout the year.

Valuation of crops was estimated at \$477 million, up 91 million from 1954. One of the largest in the history of the State, the total crop was up 2 million tons from last year. Wheat production was the largest since 1951 despite the fact that acreage was the smallest since about 1908, according to the USDA Agricultural Marketing Services. Corn, oats, and barley combined were up 21 percent from 1954 and about one-third above the 10-year average. Hot, dry weather in late July and early August caused relatively poor yields in potatoes.

November was the coldest month, showing -12.0° below normal. April was the warmest with 6.8° above normal. February, March, June, September, November and December were all below normal with respect to temperature. Pembina 2 N showed the greatest positive difference from normal for the year with 1.7° while Powers Lake 1 N went the farthest in the opposite direction, -3.8° . Annual means ranged between 44.2° at Fort Yates and 34.5° at Munich 4 SW. The highest temperature observed was at Raub 10 SSW on July 21st with the mercury at 106° . Belcourt Indian Reservation observed the lowest temperature, -45° , on February 24th. The highest monthly mean, 76.9° , occurred during July at Fort Yates. December produced the lowest mean of any month with a -21° at Munich 4 SW. Beulah recorded 208 days with the minimum temperature at or below freezing. Beside the other two statistics previously mentioned for Ft. Yates, the station recorded 46 days with the maximum thermometer 90° or above. May was the warmest since 1940, June was the warmest sixth month since 1940 and August was the warmest along with August 1949 since the record high of 1937. November and December made records in the other direction. November was the second coldest in 64 years of record while the following month was the coldest December since 1927.

Precipitation occurred in an alternating above-below normal pattern during 1955. A dry month was followed by a wet month and vice versa. For example the two months representing the wettest and driest state-wide were October and November. October was de-

ficient 0.52 inch while November was 0.27 inch in the opposite direction. Stations which deviated the most from normal were Pembina 2 N with a surplus of 6.21 inches, and Hankinson R R Station with a shortage of 6.09 inches. Walhalla with seven days of 1.00 inch or more of precipitation showed the highest total for 1955 with 27.55 inches. Fairfield, on the other hand had the least amount this year with 10.14 inches. Enderlin recorded 4.55 inches during one July day and reported the maximum monthly amount of 9.40 inches. Several stations reported less than 0.01 inch during March, September, October, and December. Snowfall amounted to 35.8 inches with the most, 10.4 inches, measured in November. Thirty inches fell at Walhalla during November also, representing the greatest monthly measurement. January was the driest since 1948 while July was the wettest since 1949.

STORMS

January-March storms were detrimental to highway traffic but presented no major difficulties and did no extensive damages. High winds during May were the worst since the 1930's. Soil erosion occurred in some sections with crop damage up to \$100,000, property damage up to \$125,000. Tornadoes, hail and wind did a considerable amount of widespread damage during June. One storm on June 21st, left a path up to ten miles wide and 75 miles long, after which hail was piled in drifts for hours. Four tornadoes were reported during July. The worst occurred on July 22nd in Richland County along a 12 mile path. Two persons were killed and eight injured in addition to extensive property and crops damage. More than a million dollars damage was totaled during the month from storms. Extreme winds of 84 mph at Fargo and 86 mph at Grand Forks on August 3rd, resulted in much damage. Bismarck and Mandan had winds of 80 mph on the 5th in which a dozen homes were severely damaged and another 2000 slightly damaged. Estimates of damage ran upwards of \$500,000. September 17th brought a thunderstorm, in which hailstones were as large as baseballs, to the Pembina County area. One man was severely bruised by the hail, windows were broken, poultry killed, and late flax ruined. At Pembina 3.52 inches fell in 8 hours while unofficial rain gages reported 4.50 inches. Five cows were killed and destruction was estimated at \$100,000. Storms mentioned above are summarized and details may be found in the various monthly Climatological Data or North Dakota section of the Climatological Data, National Summary.

Albin F. Pyle

Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

NORTH DAKOTA
1955

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
ALMONT 7 SW	16.8		11.3		24.8		50.1		59.0		61.8		72.4		73.9		59.4		50.0		16.4		10.1		42.2	
AMENIA	10.2	5.2	6.9	-2.2	18.4	-6.3	51.2	9.6	61.4	6.7	64.9	-1.0	73.6M	3.7	72.3	5.2	59.3	-1.4	49.0	4.5	16.2	-7.8	5.6	-7.2	41.0	1.1
ARVILLA STATE PARK	17.2	2.6	11.6	-4.6	23.3	-4.9	46.4	5.0	56.7	3.2	60.0	-2.8	70.7	0.3	71.1	3.7	58.0	-0.4	49.0	4.0	16.4	-14.2	12.3M	-6.8	41.2	-1.2
ASHLEY	5.4M						50.3		59.2		64.4		72.5		71.9H		57.2		47.0		17.0M		2.7		39.0	
BEACH	14.4	5.7	7.9	-3.5	15.0		50.4	5.0	59.1	4.9	62.0	-1.2	72.5	2.8	71.1M	3.9	57.9	0.0	48.0	3.6	16.8M	-11.2	7.8	-7.0	-	
BELCOURT INDIAN RES	15.4	3.3	10.9	-5.1	21.8	-5.8	45.6	3.4	54.7	1.7	59.7	-2.9	70.9	1.0	72.0	4.8	56.5	-0.9	47.8	3.3	16.6	-14.1	12.7	-5.7	40.4	-1.4
BELFIELD	4.7M		3.7		8.9M		44.4M		53.8M		59.4		67.0		66.7		51.9		42.9		12.7		1.3		34.8	
BELHAR	16.5	2.2	10.7	-4.7	23.9M	-3.6	47.7	5.6	55.5	2.4	60.5M	-1.2	70.0M	0.0	70.8	2.8	55.1	-2.9	46.9	1.2	15.6M	-13.8	11.5	-8.3	40.4	-1.7
BISBEE	11.6	5.3M			18.1		43.3	5.4	54.5		58.7		68.6M		69.1		52.9		44.1		11.6		3.2		36.8	
BISMARCK WB AP	6.3	4.5	5.2M	-1.3	11.9M	-10.6	46.6	5.9	55.5	2.8	62.3	-0.2	70.0	2.6	69.5M	3.8	54.4	-2.3	44.6	1.0	13.7M	-12.7	1.1	-8.6	36.8	-1.2
BOTTINEAU	15.0	5.8	8.3	-4.4	23.4	-3.3	48.9	5.8	59.3	4.5	62.6	-1.7	73.1	1.0	72.8	5.5	57.9	-0.6	48.6	2.9	15.1	-13.3	6.3	-9.2	41.0	-0.7
BOULDER	4.4M		2.6		2.3		-11.8	45.2	60.4M		61.3M		68.6		67.8M		53.8		45.4M		12.0		-11.6		35.4	
BOWRELLS	8.3	1.5	4.9	-2.8	12.3	-9.2	43.5	4.2	54.1	1.7	60.1	-1.7	67.5	0.0	67.8	3.0	53.7	-0.7	45.1	3.3	9.8	-16.4	2.8	-10.1	35.8	-2.1
BOWMAN COURT HOUSE	19.1	4.5	14.7	-2.7	26.0	-2.3	48.0	5.5	57.1	3.5	60.5	-2.9	72.4	1.5	73.3	5.2	58.0M	0.2	49.0	4.2	17.9M	-12.6	13.9	-3.7	42.5	0.0
BUTTE	10.4M		2.5		6.1M		16.7M		47.7		61.2	-1.3	69.6M	-0.4	70.1	2.9	56.2	-1.3	47.1	2.3	13.0M	-13.5	21M	-12.7	38.0	-2.6
CARRINGTON	-				17.7M	-6.0		57.0M		3.9		62.2	-1.2	70.5	1.1	69.1	2.0	54.1	-2.8	46.9	3.2	14.6M	-12.7	2.2M	-10.4	-
CARRISON NO 2	-				24.3M			6.5		58.6		61.5M		72.2		73.6		57.7M		4.0		49.3		16.9M		-
CAVALIER	9.0	3.6	4.9	-1.2	12.2	-8.8	49.0	9.8	58.2	4.6	65.0	2.4	72.3	3.3	71.7	5.8	56.7	1.1	46.6	3.6	16.5	-8.2	1.3	-9.2	38.3	0.6
CENTER	13.1	3.3	8.8	-3.7	23.0	-3.5	48.1M	5.3	56.6	2.1	60.8	-2.9	70.7	-0.3	70.4	2.8	55.7	-2.4	46.4M	1.1	15.1	-13.4	6.6	-9.8	39.6	-1.8
COOPERSTOWN	9.3	5.0	6.6	-1.2	17.1	-7.2	50.0	9.7	58.4M	4.6	63.3M	0.1	72.7	3.1	71.7	4.3	58.0M	0.3	47.9M	3.2	17.0	-10.3	4.5	-8.5	39.7	0.3
CROSBY	10.9	6.5	7.4	-2.1	15.2	-8.6	44.6M	4.7	54.0	1.7	60.9	-0.8	68.8	0.9					47.1	4.9	12.3	-14.2	4.5	-8.4	-	
DEVILS LAKE WB CITY	7.6	2.8	5.3	-3.4	14.5	-8.1	47.8	7.8	56.0	3.0	62.3	-0.1	71.3	2.9	70.0	3.2	55.1	-1.2	45.7	1.8	14.3	-10.8	1.9	-9.3	37.7	-1.0
DICKINSON CAA AP	16.2	5.6	10.2	-2.6	23.4	-2.1	46.8	5.0	55.2	2.5	60.1	-2.0	71.2	2.2	72.4	5.9	56.9	0.5	48.2	4.4	15.8	-12.4	10.8	-6.0	40.6	0.1
DICKINSON EXP STATION	15.8	5.2	10.0	-2.8	22.4	-3.1	46.5	4.7	56.4	3.7	60.1M	-2.0	70.1	1.1	72.1M	5.6	57.1M	0.7	47.9	4.1	16.2	-12.0	9.1	-7.7	40.3	-0.2
ORAKE	8.8	3.3	5.5	-4.9	16.6	-8.1	46.5	6.1	56.9	2.2	61.6	-2.2	70.6	-1.0	70.7	3.1	55.7	-1.9	47.8M	4.7	13.0M	-12.9	2.5M	-12.9	38.0	-2.1
OWEN CENTER 2 SW	13.3	1.1			23.1M	-2.9	44.6	3.1	54.6	1.8	59.4	-3.1	71.1	2.1	72.0	5.6	56.2M	-0.3	47.0	4.9	14.0	-13.9	6.5	-11.5	-	
ECKMAN 2 SE	3.4	0.4	3.2	-4.3	12.7M	-10.8	45.5	5.1	55.4M	2.8	61.2	-0.8	68.9	0.9	68.4	3.4	53.5M	-2.2	44.6	2.4	10.1M	-15.3	0.6	-9.7	35.5	-2.4
EGEELEY EXP FARM	12.9	4.1	6.3M	-6.5	21.0	-8.3	51.4M	7.2	59.4	5.0	62.8	-0.8	71.9	2.9	70.9	2.6	58.1	-0.2	48.5	2.9	10.8	-11.3	5.5M	-9.5	40.4	-0.9
EHDRE 1 W	6.1	5.9	5.8	-1.0	13.0	-8.1	47.6	8.3	55.6	2.4	62.0	-0.3	69.8	2.8	68.3	3.5	52.9	-3.5	43.6	1.1	13.3	-11.3	0.9	-9.6	36.6	-0.7
ELLENDALE	15.0	5.0	9.3	-3.8	24.5	-2.7	52.1M	9.4	62.0	6.7	64.4	-0.4	74.3	3.4	72.8	4.1	60.9	-2.1	49.9	4.0	19.8	-8.6	8.3	-8.0	42.7	0.9
ENDERLIN	10.3		6.2M		17.7		49.0		60.2M		64.9M		73.2		71.8		58.9		48.5		18.3		4.7		40.3	
EPHING	11.7M		6.5																							
FAIRFIELD																										
FARGO WB AP	9.5	2.4	5.8	-5.0	16.8	-8.5	50.8	8.7	60.8	5.8	65.4	0.8	74.5	3.2	72.6	3.5	58.7	-0.2	47.7	1.6	18.9	-8.7	5.4	-7.9	40.6	-0.3
FESSENDEN	10.6	5.9	6.3M	-3.4	19.9	-3.8	48.9	8.5	58.1M	4.8	62.6M	0.0	71.4	2.0	71.2M	4.5	57.4M	0.8	47.1M	3.8	15.1	-11.5	4.1	-7.7	39.4	0.3
FOPMAN	12.5	4.9	8.9	-3.0	22.5	-3.5	52.3	8.3	62.2M	6.5	65.4	0.4	75.2	5.1	73.4	5.2	59.9	0.4	50.0	4.0	20.3	-8.3	7.7	-7.6	42.5	1.0
FORT YATES	17.9	8.3	12.7M	-0.1	27.5M		51.9M	7.1	61.8M	4.1	63.9	-2.7	76.9	3.2	75.0	4.2	55.0	-0.8	47.8	1.2	20.5	-8.6	5.9	-10.1	44.2	-1.2
FOXHOLM 7 N	10.8	4.0	8.2	-3.8	17.7	-7.7	45.8	6.0	57.2	3.0	62.3	0.4	70.9	1.2	71.8	5.2	56.1	-0.1	48.1	5.2	14.2	-11.4	4.9	-9.3	39.1	-0.6
FULLERTON	14.2	5.1	8.7	-3.7	23.1	-4.0	52.2	9.5	62.0	7.2	65.0	0.8	74.5	4.3	72.3	4.3	59.7M	1.7	49.8	4.5	19.7	-9.3	7.0	-8.2	42.3	1.0
GACKLE	12.4	4.7	6.2M	-4.3	21.0M	-4.3	50.2M	8.1	58.9M	4.6	63.6M	0.3	72.0	2.0	72.1	4.6	57.3M	-0.5	48.7M	3.3	16.9M	-10.5	6.5	-8.0	40.5	0.0
GARRISON	11.7	3.8	6.9	-4.2	19.0	-5.4	45.9	3.8	56.4	2.8	61.0M	-1.9	70.4	1.2	70.5M	3.9	55.7M	-0.2	46.7	3.5	13.8	-12.7	4.3	-10.1	38.5	-1.3
GRAFTON	5.6	3.0	4.5	-2.8	11.9	-9.8	50.8M	9.6	59.0M	4.9	64.7	-1.0	72.7	3.9			57.8	0.8	47.7	3.9	16.9	-8.1	2.2M	-8.9	-	
GRAND FORKS CAA AP R	9.9	2.3	3.8	-3.9	12.1	-10.4	48.9	7.6	58.3	4.1	64.5	1.1	73.2	4.7	71.2	5.2	55.8	-1.1	45.8	2.1	16.6	-9.2	2.8	-8.2	38.2	-0.5
GRAND FORKS UNI	6.9	3.3	5.5	-2.2	13.2	-9.3	50.3	9.0	59.7	5.5	64.3	0.9	72.8	4.3	71.4	5.4	57.1	0.2	47.0	3.3	17.2	-8.6	3.1	-7.9	39.0	0.3
GRAND RAPIDS 1 N	12.0		7.6		21.8		51.2		60.8		63.4		73.5				58.3		48.4		18.7		6.6		41.1	
GRANVILLE	10.0M		4.9		8.5M	-1.5		48.0		7.2		57.2		4.3		62.3M	-0									

Table 1-Continued

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

NORTH DAKOTA
1955

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
VELVA	11.3	4.6	8.5	- 2.9	20.0	- 5.3	46.3	6.5	57.9	3.3	61.6	- 3.0	70.2	0.2	70.5	3.7	55.8	- 1.4	47.4	3.1	14.5	-12.9	5.8	- 9.2	39.3	- 1.1
WAHPETON STATE SCH	12.5	3.8	8.8	- 3.6	21.6	- 6.0	53.4M	9.2	63.3	7.0	66.1	- 0.3	74.8	3.5	72.6	3.9	61.4	- 1.4	50.2	3.2	22.1	- 6.9	7.3	- 8.5	42.8	- 0.6
WASHBURN	14.0	5.8	9.0	- 1.7	23.3	- 2.2	49.8M	6.5	58.9	3.6	61.8	- 3.1	71.9	0.7	71.9	3.8	57.1M	- 2.3	48.0M	3.0	15.8	-13.6	6.5M	- 9.0	40.7	- 0.7
WATFORD CITY	15.5	5.7	11.8	- 1.9	22.6M	- 3.6	47.8M	6.4	57.1	2.6	62.0	- 1.1	71.9	0.8	74.0	5.7	57.9	0.2	49.7	5.5	16.6	-11.9	9.3	- 6.0	41.4	0.2
WATFORD CITY 14 S	16.5M		13.1M		24.8		48.4M		58.9		62.3		72.9M		73.8		59.8M		50.1M		18.4M		12.2		42.6	
WESTHOPE	4.9	2.8	2.7	- 5.0	10.3	-12.2	45.4	5.5	54.5	1.4	60.6	- 2.1	68.8	0.9	69.2	3.7	53.6	- 2.0	44.0	1.4	12.0	-13.1	1.6	- 8.6	35.6	- 2.3
WILLISTON WB CITY	14.0	4.0	9.7	- 3.8	21.0	- 5.5	47.1	4.2	55.8	1.2	62.1	- 0.9	71.5	0.6	72.1	4.0	56.4	- 0.8	48.3	2.8	15.0	-13.8	7.5	- 8.2	40.0	- 1.3
WILLOW CITY	5.1	4.0	2.8	- 2.3	11.2	- 8.9	46.1	6.5	55.6	3.4	61.5M	0.2	69.5	2.9	68.7	4.0	53.0	- 1.7	43.8M	2.3	12.7	-10.0	0.6	- 8.6	35.9	- 0.6
WILTON	12.9	4.9	8.1M	- 2.2	21.6	- 3.4	48.3M	6.1	56.6M	2.7	59.5M	- 3.3	70.6	0.2	70.3M	2.6	56.9M	- 0.4	46.7M	1.8	13.5M	-13.8	4.7M	-10.1	39.2	- 1.2
WISNER	13.1M	5.8	5.4M	- 4.8	21.8M	- 4.3	49.3M	7.8	58.9M	5.7	62.1M	- 1.5	72.0M	1.6	72.0M	5.0	57.9	0.7	47.4M	3.4			7.3M	- 7.6		
STATE AVERAGE	11.2	4.3	7.5	- 3.0	18.6	- 6.1	46.1	6.8	57.5	3.6	62.1	- 1.0	71.4	1.8	71.2	4.2	56.6	- 0.5	47.3	3.3	15.4	-12.0	5.5	- 8.5	39.4	- 0.6

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

NORTH DAKOTA
1955

Table 2

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	
ADAMS 7 S	0.46		0.39		0.77		1.70		3.36		3.78		3.98		2.21		2.50		0.53		1.14		0.61		21.43		
ALEXANDER	0.53		0.38		0.55		2.72		1.68		2.15		1.78		0.76		0.07		0.63		0.53		0.51		12.49		
ALMONT 7 SW	0.31		0.42		0.29		1.68		0.29		1.68		0.29		1.68		0.29		1.68		0.29		0.29		16.61		
ANDERSON 3 N	0.56		0.11		0.62		1.81		2.00		1.15		1.33		2.26		0.61		0.68		1.04		0.50		E12.67		
AMENIA	0.21	-0.32	0.97	0.38	0.55	-0.21	0.61	-1.14	2.49	-0.31	3.04	-0.53	4.11	1.42	2.50	-0.04	1.14	-0.76	0.22	-1.13	0.55	-0.13	0.41	-0.11	16.82	2.88	
AMION	0.15	-0.28	0.16	-0.31	T	-0.75	1.62	0.30	1.73	-0.61	6.34	2.86	2.36	0.22	1.45	-0.10	1.23	-0.24	0.27	-0.70	0.46	-0.05	0.06	-0.33	15.83	0.11	
ARVILLA STATE PARK	0.27		0.62		0.73		0.50		3.96		4.40		3.07		2.42		2.29		0.37		0.66		0.43		19.72		
ASHLEY	0.18	-0.26	0.67	0.22	0.15	-0.68	0.95	-0.66	1.97	-0.43	5.34	1.92	3.17	0.51	1.92	-0.52	1.15	-0.32	0.14	-0.92	0.32	-0.23	0.09	-0.41	E16.05	1.76	
BALTA	0.57		0.45		1.09		1.63		1.97		1.94		3.11		1.64		1.59		0.65		1.01		0.56		16.21		
BANTRY	0.39		0.77		0.31		1.26		1.75		1.99		1.60		1.78		1.39		0.47		0.65		0.27		11.93		
BEACH	0.70	0.24	0.77	0.37	0.23	-0.52	2.39	1.21	2.37	0.11	2.19	-1.40	1.37	-0.43	0.60	-1.00	0.15	-1.12	0.38	-0.52	0.67	0.21	0.23	-0.24	12.05	3.09	
BELCOURT INDIAN RES	0.47	0.36			1.76		0.78		2.34		4.34		1.93		2.54		2.32		0.67		0.72		0.37		18.60		
BELFIELD	0.60	0.14	0.62	0.17	0.15	-0.66	2.91	1.62	3.31	0.96	5.20	1.78	1.33	-0.89	0.78	-1.03	1.02	-0.32	0.40	-0.57	0.98	0.50	-0.20	-0.28	E17.50	1.42	
BERTHOLD	0.31		0.23		0.23		1.75		3.04		2.37		1.95		0.62		0.64		0.53		0.77		0.77		14.30		
BEULAH	0.15	-0.15	0.19	-0.15	0.02	-0.57	1.26	0.25	3.24	0.90	2.99	-0.81	2.00	-0.28	1.03	-0.80	1.91	0.36	0.52	-0.30	0.92	0.56	0.14	-0.27	14.37	1.26	
BISBEE	0.46	0.01	0.21	-0.15	1.28	0.57	0.98	-0.21	1.88	-0.27	2.25	-1.11	2.18	-0.52	2.52	0.17	1.67	-0.02	1.11	0.12	1.13	0.66	0.70	0.27	16.37	0.48	
BISMARCK WB AP	0.42	0.06	0.43	0.00	0.26	-0.50	1.77	0.38	3.21	1.27	4.59	1.26	1.68	-0.65	1.04	-0.46	2.76	0.83	0.26	-0.74	1.19	0.66	0.35	-0.05	17.46	2.06	
BISMARCK 12 ENE	0.46	0.01	0.43	0.00	0.26	-0.50	1.77	0.38	3.03	0.35	3.58	2.42	1.41	-0.65	1.28	-0.46	2.66	0.83	0.26	-0.74	1.19	0.66	0.35	-0.05	E15.67	2.06	
BOTTINEAU	0.86	0.45	0.25	-0.11	1.33	0.66	1.07	0.23	1.98	-0.07	3.99	0.80	4.55	2.16	2.32	-0.13	2.33	0.74	0.50	-0.47	0.91	0.44	-0.28	-0.19	E20.37	4.51	
BOWBELLS	0.74	0.24	1.00	-0.32	1.22	0.65	2.22	1.16	2.38	0.10	2.17	-1.07	3.22	0.99	2.18	0.20	1.54	0.13	1.07	0.22	0.88	0.42	0.60	0.22	18.32	2.94	
BOWMAN COURT HOUSE	0.23	-0.21	0.26	-0.18	T	-0.68	1.80	0.57	1.36	-0.96	4.22	1.11	1.72	-0.36	0.90	-0.84	1.10	-0.17	0.12	-0.76	0.72	0.34	0.12	-0.23	E12.55	2.37	
BOWMAN 11 SE	0.20		0.39		0.11		1.22		1.63		2.86		2.64		1.24		1.34		0.26		E 0.64		0.15		E12.36		
BOWMAN 30 NW	0.64		0.39		0.02		2.11		1.63		4.87		1.17		0.41		0.18		0.18		0.77		0.24		13.61		
BURT 16 N	0.16		0.46		0.29		1.10		2.74		4.12		4.89		0.23		2.44		0.23		1.00		0.11		17.77		
BUTTE	0.47	0.11	15	-0.38	0.29	-0.53	1.67	0.37	1.71	-0.77	3.76	0.36	1.81	-0.92	1.27	-0.67	2.25	0.77	0.44	-0.53	0.71	0.11	0.05	-0.44	14.50	2.52	
CARRINGTON	E 0.26	-0.16	0.93	0.45	0.21	-0.48	0.83	-0.50	3.40	0.97	3.07	-0.38	2.43	-0.18	2.18	0.11	1.22	-0.20	0.39	-0.64	0.85	0.30	0.18	-0.23	E16.01	0.94	
CARSON NO 2	0.25	-0.11	0.62	0.14	0.10	-0.76	1.17	-0.18	2.70	0.30	4.29	-0.81	2.58	-0.59	0.53	-1.13	2.81	1.37	0.17	-0.74	0.55	-0.02	0.25	-0.23	E16.02	0.94	
CAVALIER	0.75	0.08	0.63	0.12	0.66	-0.10	2.35	0.96	2.77	0.51	2.49	-0.59	4.47	1.83	1.23	-1.28	2.75	0.43	1.68	0.39	2.04	1.30	0.57	-0.12	22.39	3.53	
CENTER	0.62	0.25	0.63	0.21	0.07	-0.66	1.95	0.72	2.94	0.67	3.74	-0.18	3.44	1.02	1.40	-0.31	1.92	0.56	1.02	-0.60	1.29	0.78	0.22	-0.22	18.73	2.80	
CELESTINE	0.16	-0.32	0.26	-0.23	0.26	-0.54	3.37	-1.29	2.51	-0.19	3.25	-0.25	3.23	0.70	1.08	-1.40	1.29	-0.54	0.02	-1.09	0.48	-0.19	0.16	-0.37	13.07	5.69	
COLUMBUS	0.57	0.15	0.65	0.45	0.65	0.45	2.45	2.52	2.52	2.52	3.99	0.72	2.79	0.20	1.68	-0.95	1.36	-0.40	0.91	-0.67	1.14	0.50	0.37	-0.21	16.35	1.84	
COOPERSTOWN	0.26	-0.25	0.57	0.05	0.41	-0.30	2.45	-0.58	2.82	0.29	3.99	0.72	2.79	0.20	1.68	-0.95	1.36	-0.40	0.91	-0.67	1.14	0.50	0.37	-0.21	16.35	1.84	
COURTENAY	0.23	-0.38	0.75	0.17	0.60	-0.24	0.85	-0.52	2.02	-0.41	3.94	2.74	3.03	0.41	0.78	-1.64	1.42	-0.82	0.25	-0.90	1.41	0.84	0.14	-0.53	E17.42	0.92	
CROSBY	0.48	0.08	0.69	0.28	0.27	0.61	0.07	1.83	0.90	1.99	0.02	1.63	-1.53	1.93	-1.15	1.41	-0.41	0.98	-0.26	0.95	0.12	0.71	0.15	0.43	-0.07	13.04	1.94
DEVILS LAKE WB CITYR	0.48	0.08	0.69	0.28	1.27	0.54	1.35	-0.09	3.33	1.20	2.56	-0.62	1.74	-0.93	2.80	0.63	1.61	-0.46	0.91	-0.35	1.79	1.12	0.76	0.28	19.29	1.68	
DICKINSON CAA AP	0.54	0.12	0.91	0.48	1.27	0.54	1.35	-0.59	3.33	2.20	2.56	-0.62	1.74	-0.93	2.80	0.63	1.61	-0.46	0.91	-0.35	1.79	1.12	0.76	0.28	19.29	1.68	
DICKINSON EXP STATION	0.29	-0.13	0.70	0.27	0.15	-0.55	1.91	0.71	2.45	0.12	4.70	1.18	1.08	-1.13	0.81	-1.03	1.53	0.23	0.18	-0.73	0.72	0.24	0.13	-0.33	14.65	1.15	
DOONBROOK	0.39	0.57	1.02	0.82	1.02	0.82	1.82	3.47	3.47	3.47	1.66	1.78	1.78	1.78	1.11	1.33	0.32	0.42	0.64	0.64	0.64	0.64	0.64	0.64	14.88	1.15	
ORAKE	0.46	0.07	0.44	-0.03	1.08	0.38	2.31	1.14	2.17	0.09	3.19	0.43	1.91	-0.39	0.91	-1.11	1.71	0.28	0.73	-0.31	1.12	0.58	0.46	0.05	16.49	0.78	
QUINN CENTER 2 SW	0.38	0.02	0.51	0.05	0.33	-0.72	2.30	1.04	3.02	0.68	3.23	-0.47	0.74	-1.59	0.64	-1.02	0.92	-0.48	0.80	-0.23	0.35	-0.09	0.20	-0.21	E12.92	3.02	
ECKMAN 2 SE	0.93	0.57	0.80	-0.28	1.15	0.59	1.11	0.20	2.49	0.51	2.07	-0.91	2.85	0.49	2.02	0.14	1.21	-0.29	0.55	-0.29	1.16	0.67	0.70	0.23	16.33	1.63	
EDELEY EXP FARM	0.25	-0.24	0.80	0.32	1.18	-0.65	0.71	-1.04	2.58	0.02	3.18	-0.99	8.08	5.51	2.49	0.14	1.16	-0.50	0.96	-0.96	0.29	-0.23	0.14	-0.35	19.92	1.53	
EHMORE 1 W	0.31	-0.18	0.18	-0.22	0.83	0.14	2.41	1.15	2.91	1.05	2.97	-0.14	2.92	0.08	2.62	0.29	1.85	0.00	1.33	0.35	1.29	0.67	0.58	0.04	20.21	3.23	
ELGIN																											

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

NORTH DAKOTA
1955

Table 2--Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
MEDORA 23 NNW	0.45		0.71		0.15		2.50		2.33		4.46		1.70		0.17		0.07		0.49		0.35		0.35		13.73	
MINOT CAA AP	0.56	0.17	0.36	-0.07	0.61	0.00	1.11	-0.11	2.36	0.20	1.24	-1.87	1.21	-0.84	1.27	-0.65	1.67	0.07	0.38	-0.53	0.81	0.15	0.41	-0.05	11.99	3.51
MINOT EXP STATION	0.51		0.17		0.44		1.71		2.06		1.25		1.72		1.51		1.45		0.42		0.63		0.25		11.93	
MOFFITT 4 SE	0.22		0.36		0.16		1.33		3.49		5.24		4.68		1.32		1.22		0.38		0.76		0.15		19.27	
OMALL	0.65	0.31	0.21	-0.14	1.17	0.48	1.63	0.67	2.46	0.48	1.46	-1.47	2.35	-0.10	4.04	2.13	1.32	-0.24	0.57	-0.47	0.69	0.15	0.14	-0.28	16.71	1.52
MONTPELIER	0.28		0.63		0.21		0.89		3.78		3.12		7.73		2.02		1.80		0.28		0.48		0.11		21.33	
MOTT	0.22	-0.27	0.35	-0.13	0.46	-0.40	1.09	-0.13	2.94	0.68	4.10	0.85	1.84	-0.29	1.89	0.13	2.72	1.35	0.20	-0.63	0.73	0.27	0.13	-0.35	16.67	1.08
MUSKIECH 4 SW	0.30		0.41		0.58		1.58		1.66		2.90		2.74		2.74		1.95		1.28		1.28		0.49		18.49	
NAPOLEON	0.29	-0.12	0.50	0.09	0.75	-0.62	0.76	-0.73	3.31	0.87	4.81	1.45	5.26	2.75	1.68	-0.52	1.84	0.38	0.48	-0.61	0.94	0.36	0.23	-0.22	20.37	3.08
NEW ENGLAND	0.29	-0.17	0.35	-0.14	0.24	-0.57	1.58	0.38	3.11	0.94	4.74	1.58	3.02	0.89	2.08	0.50	2.06	0.69	0.27	-0.52	0.78	0.33	0.14	-0.26	18.66	3.65
NEW ROCKFORD 7 WNW	0.35		0.11		0.27		1.88		2.89		2.50		2.96		1.33		1.21		0.53		1.03		0.17		15.23	
NEW SALEM 1 S	0.38	-0.09	0.66	0.22	0.32	-0.38	2.12	0.97	3.12	0.92	4.17	0.72	1.99	-0.18	0.35	-1.38	2.12	0.81	0.15	-0.70	1.25	0.77	0.32	-0.19	17.12	1.49
NEWTOWN	0.49	0.01E	0.40	-0.05	0.42	-0.16	2.35	1.23	1.68	-0.27	2.37	-1.00	2.10	0.08	0.79	-0.81	1.09	-0.25	0.41	-0.36	0.79	0.26	0.23	-0.22	E13.12	1.54
NOONAN	0.87		0.30		1.17		2.11		3.52		3.46		2.36		1.19		0.38		1.05		0.87		0.62		17.90	
NORTONVILLE	0.18		0.66		0.14		0.51		4.01		3.21		4.30		1.70		1.55		0.00		0.27		0.08		16.61	
OAKES	0.31	-0.16	0.86	0.40	0.35	-0.45	0.51	-1.36	2.20	-0.51	2.10	-1.54	4.70	1.85	2.61	-0.08	1.07	-0.69	0.12	-1.19	0.23	-0.33	0.51	0.01	E15.57	4.03
PARK RIVER	0.40	-0.09	0.29	-0.13	0.77	0.11	2.01	0.69	3.17	1.23	4.74	1.48	2.58	-0.03	1.59	-0.71	3.24	1.09	1.13	-0.05	1.13	0.50E	0.39	-0.12	E21.44	3.97
PARSHALL	0.39	0.05	0.19	-0.20	0.26	-0.32	2.54	1.47	1.96	-0.21	1.60	-1.89	0.93	-1.29	1.28	-0.56	1.35	-0.14	0.58	-0.17	1.25	0.86	0.44	0.03	12.77	2.37
PENNINGTON 2 N	0.69	0.06	1.02	0.40	0.85	0.09	1.53	0.27	2.25	0.08	1.34	-1.85	6.72	4.31E	1.45	-0.84	5.26	3.08	1.89	0.69	1.03	0.28	0.32	-0.30	E24.35	6.21
PETERSBURG	0.30	-0.14	0.54	0.04	0.98	0.25	0.92	-0.47	3.33	0.89	5.76	2.28	2.06	-0.90	2.15	-0.21	2.08	0.11	1.36	0.19	1.08	0.44	0.44	-0.04	21.00	2.42
PETITBONE	0.25	-0.13	0.80	0.41	0.56	-0.07	2.06	0.90	3.03	0.77	3.30	0.19	2.32	-0.42	3.10	0.95	1.17	-0.17	0.46	-0.53E	1.17	0.64	0.60	0.16	E18.82	2.70
PINGREE	0.25		0.76		0.75		0.84		2.75		4.35		3.35		1.32		0.94		1.19		0.89		0.43		E17.82	
PORTAL	0.57	0.17	0.08	-0.30	0.64	0.03	1.75	0.81	2.33	0.26	2.31	-0.78	2.45	0.38	1.84	-0.12	1.45	-0.01	0.85	0.01	0.55	0.03	0.38	-0.07	15.20	0.41
POWERS LAKE 1 N	0.31	-0.21	0.9	-0.36	0.38	-0.32	1.81	0.67	2.45	0.30	1.83	-1.46	4.34	2.07	3.07	1.39	0.68	-0.61	0.58	-0.47	0.25	-0.24E	0.36	-0.18	E16.15	0.58
PRETTY ROCK	0.16		0.15		0.14		0.76		3.30		4.70		3.12		2.55		2.36		0.27		0.37		0.14		18.02	
RAUB 10 SSW	0.31	-0.02E	0.22	-0.17	0.23	-0.30E	1.99	0.98	1.67	-0.52	2.37	-1.31	3.50	1.09	1.31	-0.53	0.94	-0.55	0.50	-0.30	0.51	0.11	0.14	-0.26	E13.69	1.78
REEDER	0.15		0.18		0.05		1.37		1.38		4.26		3.22		2.61		0.24		0.37		0.99		0.14		17.96	
REEDER 14 N	0.11		0.15		0.01		1.84		2.25		3.20		1.57		2.11		2.24		0.16		0.50		0.17		14.36	
RICHARDSON ARBAY	0.38	0.00	0.67	0.26	1.18	-0.54	1.55	0.33	3.15	0.69	2.28	-1.19	2.36	-0.10	0.93	-0.91	2.30	0.98	0.28	-0.51	1.15	0.63	0.25	-0.17	E15.46	0.53
RIVERDALE	0.46		0.40		0.25		2.68		3.81		2.89		2.41		1.77		1.80		0.69		1.09		0.21		18.46	
ROLLA	0.80	0.27	0.57	0.10	1.06	0.16	0.93	-0.28	2.10	-0.02	4.39	0.99	1.57	-1.11	3.25	0.76	2.57	0.82	0.75	-0.22	1.28	0.73	0.80	0.31	20.07	2.51
RUGBY	0.59	0.16	0.39	-0.06	1.29	0.60	1.29	0.30	2.41	0.44	2.48	-0.62	3.59	0.91	2.64	0.64	1.67	-0.01	0.82	-0.07	1.22	0.70	0.64	0.17	19.03	3.16
RYDER	0.27	-0.06	0.24	-0.24	0.47	-0.07	1.80	0.69	2.74	0.65	3.03	-0.68	2.71	0.48	1.87	-0.20E	1.69	0.17	0.62	-0.18	0.85	0.32	0.40	-0.06	E16.69	1.42
SAN HAVEN	0.70	0.27	0.38	-0.04	0.88	0.26	0.64	-0.20	1.61	-0.26	3.79	0.78	3.03	0.36	1.93	-0.43	2.73	1.06	0.61	-0.25	0.88	0.38	0.31	-0.12	17.44	1.81
SCRANTON	0.32		0.09		0.15		1.67		1.12		2.75		3.78		2.28		1.85		0.18		1.08		0.14		15.41	
SELFRIEDGE 11 W	0.28	-0.15	1.20	0.73	0.75	-0.11	1.25	-0.19	2.73	0.61	3.95	0.29	1.31	-0.63	0.58	-1.25	2.89	1.41	0.50	-0.45	1.47	1.01	0.30	-0.10	17.21	1.13
SENTINEL BUTTE 20 S	0.38		0.47		0.24	-0.48	1.49	0.31	3.82	1.40	4.75	1.19	3.34	0.52	1.51	-0.67	1.41	-0.12	0.35	-0.77	1.38	0.91	0.30	-0.19	19.33	1.96
SHARON	0.35	-0.12	1.33	0.55	0.81	0.19	0.65	-0.83	4.12	1.38	3.64	0.03	3.33	0.64	1.19	-1.18	1.78	-0.27	0.24	-1.05	0.85	0.13	0.32	-0.16	18.31	0.69
SHERWOOD 3 N	0.92		0.15		1.20		2.05		2.26		1.39		3.97		1.49		1.19		0.55		0.76		0.53		16.46	
SHIELDS	0.23		0.20		0.42		1.44		2.94		2.99		3.05		1.55		2.71		0.16		0.70		0.19		16.58	
STANLEY	0.47	0.08	0.10	-0.31	0.43	-0.21	2.25	1.08	1.43	-0.76	1.34	-2.06	2.74	0.61	1.64	-0.26	1.56	0.19	0.17	-0.67	1.44	0.90	0.59	0.14	14.16	1.27
STEELE	0.26	-0.14	0.48	0.10	0.24	-0.48	1.49	0.31	3.82	1.40	4.75	1.19	3.34	0.52	1.51	-0.67	1.41	-0.12	0.35	-0.77	1.38	0.91	0.30	-0.19	19.33	1.96
SYKESTON	0.08		0.20		0.19		1.67		3.48		2.47		3.29		1.34		1.51		0.10		1.82		0.06		16.21	
TAGUS	0.42	0.06E	0.16	-0.26E	0.63	0.00	1.69	0.54	2.10	0.11	3.01	-0.04	2.04	-0.01	0.94	-0.84	1.30	-0.10	0.59	-0.19	0.53	0.00	0.28	-0.14	E13.68	0.87
TIGGA 1 E	0.39	-0.04	0.12	-0.25	0.34	-0.29	2.16	1.18	1.94	-0.12	1.34	-1.72	2.13	0.10	2.44	0.69	0.41	-0.67	0.46	-0.35	1.09	0.63	0.35	-0.09	13.17	1.13
TOLLEY 3 NE	0.52		0.16		1.01		2.04		2.54		1.81		4.02		3.71		1.14		0.38		0.79		0.43		E18.55	
TOWNER	0.46	0.01	0.29	-0.19	1.79	1.01	1.93	0.93	1.93	-0.28	3.05	-0.06	1.64	-0.77	1.86	-0.12	1.85	0.13	0.65	-0.24	0.96	0.43	0.30	-0.19	16.71	

TEMPERATURE EXTREMES AND FREEZE DATA

NORTH DAKOTA
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Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates					
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below	
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.								
ALMONT 7 SW	103	8-18	-25	2-10	3-27	8	3-27	8	4-6	24	4-16	27	4-16	27	9-11	32	10-1	28	10-24	23	10-30	20	11-2	13	220	217	201	168	148	
AMENIA	100	8-18	-34	12-19	3-28	15	3-28	15	5-8	21	5-8	21	5-8	21	9-11	31	10-2	27	10-15	24	10-24	14	10-24	14	210	210	160	147	126	
AMIDON	100	8-14	-25	2-10	3-27	8	3-27	8	4-6	22	4-28	28	4-29	29	9-10	28	9-10	28	10-23	19	10-23	19	11-2	11	220	210	200	135	134	
ARVILLA STATE PARK	100	7-21+	-39	2-24	5-8	14	5-8	14	5-8	14	5-8	14	5-8	14	9-11	21	9-11	21	9-11	21	10-2	20	10-24	13	169	147	126	126	126	
ASHLEY	98	8-17+	-30	2-12	3-28	15	3-28	15	4-13	23	5-8	25	5-10	32	9-10	32	9-11	28	10-14	21	10-17	19	10-24	12	210	203	184	126	123	
BEACH	100	8-19	-27	2-10	3-27	9	4-6	18	4-16	24	4-29	28	4-29	28	9-10	25	9-10	25	9-11	23	10-1	20	11-2	11	220	178	148	134	134	
BELCOURT INDIAN RES	95	7-21	-45	2-24	3-29	10	3-29	10	5-8	24	5-8	24	5-8	24	9-10	21	9-10	21	9-10	21	9-11	20	10-24	8	209	166	125	125	125	
BELFIELD	100	8-24	-29	2-10	4-6	16	4-6	16	4-16	24	4-16	24	5-10	32	9-10	26	9-10	26	9-11	24	10-23	16	200	200	148	147	123			
BEULAH	98	7-19+	-34	12-19	3-28	-2	4-6	20	4-29	23	4-30	28	5-11	30	9-10	27	9-10	27	9-11	23	10-24	14	10-24	14	210	201	135	133	122	
815BEE	98	7-21	-29	12-19	3-28	14	3-28	14	4-6	24	4-22	26	5-8	29	9-10	27	9-10	27	9-11	24	10-24	17	11-2	16	219	210	158	141	125	
B15MARCK W8 AP	102	8-17	-30	12-19	3-27	2	3-28	18	4-13	24	4-16	25	5-8	29	9-11	27	9-11	27	10-23	21	10-24	17	11-2	10	220	210	193	148	126	
BOTTINEAU	95	8-3+	-33	2-24	3-28	4	3-29	19	5-8	23	5-8	23	5-10	30	9-10	22	9-10	22	9-10	22	10-24	11	10-24	11	210	209	125	125	123	
BOWBELLS	100	8-13	-30	12-18+	3-27	-3	3-28	18	3-29	23	4-16	28	5-10	32	9-10	28	9-10	28	9-11	27	10-23	17	10-24	16	211	202	166	147	123	
BOWMAN COURT HOUSE	100	7-20+	-22	12-18	3-27	6	3-28	20	4-16	23	4-16	23	5-10	32	9-10	29	9-11	27	10-23	19	10-23	19	11-2	11	220	209	190	148	123	
BUTTE	99	7-22	-28	12-19	-	-	4-7	20	4-7	20	-	-	-	-	9-10	32	9-11	26	10-16	24	10-24	16	10-24	16	-	200	192	-	-	-
CARRINGTON	99	7-22	-	-	3-27	-4	3-27	-4	-	-	-	-	5-8	31	9-10	30	9-11	26	10-18	24	10-24	12	10-24	12	211	211	-	-	125	
CARSON # 2	101	8-18+	-	-	3-27	8	3-27	8	3-28	21	4-16	25	5-8	30	9-10	32	10-16	27	10-24	19	10-24	19	11-2	16	220	211	210	183	125	
CAVALIER	98	7-21	-33	12-19	3-28	8	3-29	17	5-8	22	5-8	22	5-8	22	9-11	29	9-10	28	10-17	24	10-24	19	11-3	11	220	209	162	145	126	
CENTER	101	7-21	-33	12-19	3-28	16	5-8	20	5-8	20	5-8	20	5-10	32	9-10	29	9-11	23	9-11	23	10-24	10	10-24	10	210	169	126	126	123	
COOPERSTOWN	100	8-18	-30	12-19	3-27	-6	3-28	18	5-8	21	5-8	21	5-10	29	9-10	28	9-10	28	9-11	23	10-24	11	10-24	11	211	210	126	125	123	
CROSBY	98	7-19+	-30	12-18	3-27	1	3-27	1	3-28	22	4-30	27	5-5	32	-	-	-	-	-	-	-	-	-	11-2	14	220	-	-	-	-
DEVILS LAKE W8 CITY	100	7-21	-27	12-19	3-27	-3	3-28	19	4-6	24	5-8	25	5-8	25	9-10	31	9-11	26	10-23	20	10-23	20	11-2	12	220	209	200	126	125	
DICKINSON CAA AP	101	8-18	-27	2-10	3-27	6	4-6	18	4-6	18	4-29	28	5-8	32	9-10	29	10-16	27	10-23	22	11-1	16	11-1	16	219	209	200	170	125	
DICKINSON EXP STATION	101	8-19	-28	2-10	3-28	11	4-6	20	4-16	22	4-29	27	5-10	31	9-10	28	9-10	28	9-11	22	-	-	-	11-2	14	219	-	148	134	123
DRAKE	98	7-22	-28	12-19	3-27	-1	4-6	20	4-6	20	4-6	26	5-8	30	9-10	32	9-11	26	-	-	-	-	-	-	-	201	-	156	125	
DUNN CENTER 2 Sw	100	7-21+	-	-	3-28	10	4-6	19	4-29	22	5-8	28	5-11	30	9-10	29	9-11	28	10-15	22	10-24	18	10-30	14	216	201	169	126	122	
ECKMAN 2 SE	96	7-22+	-33	12-19	3-27	-1	3-29	18	3-29	18	5-8	27	5-8	27	9-10	28	9-10	28	9-11	24	10-16	18	10-24	13	211	201	165	125	125	
EDGELEY EXP FARM	96	8-19+	-29	12-19	3-28	11	5-8	20	5-8	20	5-8	20	5-10	32	9-11	30	9-10	28	10-17	21	10-24	13	10-24	13	210	169	162	145	124	
EDMORE 1 W	99	7-21	-34	12-19	3-27	-10	3-28	18	5-8	22	5-8	22	5-24	32	9-10	27	9-10	27	9-11	17	9-11	17	10-24	8	211	167	126	125	109	
ELLENDALE	100	8-20	-29	12-19	3-28	12	3-28	12	4-7	24	5-8	25	5-10	32	9-11	32	10-8	27	10-17	24	10-24	13	10-24	13	210	210	193	153	124	
ENDERLIN	98	8-21	-30	12-19	3-28	10	5-8	19	5-8	19	5-8	19	5-10	32	9-10	30	9-11	28	10-15	23	10-24	11	10-24	11	210	169	160	126	123	
EPPING	100	8-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FAIRFIELD	100	8-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FARGO W8 AP	99	8-20	-27	12-19	3-27	-5	3-28	18	5-8	22	5-8	22	5-10	32	9-11	29	10-2	28	10-17	23	10-23	19	10-24	13	211	209	162	147	124	
FESSENDEN	100	7-21	-30	2-24+	3-27	-5	3-27	-5	5-8	23	5-8	23	5-10	32	9-10	29	9-11	25	-	-	-	-	-	-	-	-	-	-	-	-
FORMAN	99	8-20	-31	12-19	3-28	14	3-28	14	5-8	24	5-8	24	5-10	30	9-10	29	10-14	25	10-17	18	10-17	18	10-24	10	210	203	162	159	123	
FORT YATES	102	7-21	-24	2-12+	3-28	15	3-28	15	4-13	22	4-16	25	5-8	29	9-11	28	9-11	28	10-14	17	10-24	17	11-2	14	219	210	194	148	126	
FOXHOLM 7 N	101	8-12	-31	12-19	3-27	-7	3-29	20	4-6	23	5-8	26	5-8	26	9-10	32	9-25	22	9-25	22	10-24	12	10-24	12	211	209	172	140	125	
FULLERTON	100	8-17+	-30	12-19	3-29	12	3-29	12	5-8	21	5-8	21	5-10	32	9-10	31	9-11	28	10-14	24	10-17	20	10-24	11	209	202	159	126	123	
GACKLE	99	8-17+	-30	2-12+	3-28	13	3-28	13	4-6	23	5-8	26	5-10	31	9-10	31	9-11	27	10-14	24	10-24	14	10-24	14	210	210	191	126	123	
GARRISON	99	7-22	-27	12-19	3-27	6	3-28	19	4-6	22	4-16	26	5-9	32	9-10	31	9-11	27	10-16	23	10-24	18	11-2	15	220	210	193	148	124	
GRAFTON	98	7-21	-32	12-19	3-28	7	5-8	20	5-8	20	5-8	20	5-8	20	9-11	27	9-11	27	10-17	23	10-24	16	10-24	16	210	169	162	126	126	
GRAND FORKS CAA AP	101	8-18	-30	12-19	3-28	9	5-8																							

TEMPERATURE EXTREMES AND FREEZE DATA

NDRTH DAKOTA
1955

Table 3-Continued

Station	Highest	Date	Lowest	Date	Last spring minimum of										First fall minimum of										Number of days between dates					
					16° or below		20° or below		24° or below		28° or below		32° or below		32° or below		28° or below		24° or below		20° or below		16° or below		16° or below	20° or below	24° or below	28° or below	32° or below	
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.								
					Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.								
SAN HAVEN	95	7-21	-30	2-24	3-28	16	3-28	16	4-6	22	5-8	27	5-8	27	9-10	26	9-10	26	-	-	-	-	10-24	15	210	-	-	125	125	125
SHARON	99	8-18	-29	12-19	3-27	-7	3-28	19	5-8	24	5-8	24	5-10	32	9-10	27	9-10	27	10-17	23	10-24	10	10-24	10	211	210	162	125	125	125
STANLEY	102	8-12	-33	12-19	3-27	-2	3-27	-2	4-6	22	5-8	28	5-8	28	9-10	26	9-10	26	10-16	20	10-16	20	10-24	12	211	203	193	125	125	125
STEELE	100	8-17	-31	12-19	3-27	0	4-6	20	4-13	21	5-8	26	5-10	32	9-10	26	9-10	26	10-14	22	10-24	13	10-24	13	211	201	184	125	125	125
TIDGA 1 E	101	8-13	-	-	-	-	-	-	-	-	-	-	-	-	9-6	32	9-10	24	9-10	24	10-7	19	10-16	16	-	-	-	-	-	-
TOWNER	98	7-21	-33	12-19	3-27	-7	3-28	17	5-8	24	5-8	24	5-9	32	9-10	29	9-11	22	9-11	22	10-16	20	10-30	13	211	202	126	126	126	126
TURTLE LAKE	100	7-21	-30	12-19	3-28	14	4-6	22	5-8	27	5-8	27	5-8	27	9-10	31	9-11	27	10-24	19	10-24	19	10-30	16	216	210	201	126	125	125
UNDERWOOD	100	7-22	-29	12-19	-	-	4-6	20	4-6	20	5-9	28	5-16	31	9-11	26	9-11	26	10-7	21	10-24	18	11-2	15	-	201	184	125	118	118
UPHAM 3 N	99	7-21	-36	2-24	3-29	16	3-29	16	3-29	16	4-22	27	5-10	32	9-10	27	9-10	27	9-11	20	9-11	20	10-24	10	209	166	166	141	123	123
VALLEY CITY	101	8-18	-	-	3-27	-3	3-28	17	5-8	22	5-8	22	5-8	22	9-11	27	9-11	27	10-17	22	10-21	20	10-24	10	211	207	162	126	126	126
VELVA	97	7-21	-32	12-19	3-27	-7	3-27	-7	4-6	23	5-8	27	5-8	27	9-11	26	9-11	26	10-16	24	10-24	11	10-24	11	211	211	193	126	126	126
WAHPETON STATE SCHDOL	98	8-18	-32	12-19	3-28	16	3-28	16	5-8	22	5-8	22	5-10	31	9-10	32	10-14	27	10-17	22	10-24	12	10-24	12	210	210	162	159	123	123
WASHBURN	101	8-18	-30	12-19	3-27	4	3-27	4	4-16	24	5-8	26	5-8	26	9-10	27	9-10	27	-	-	10-24	17	11-2	11	220	211	-	125	125	125
WATFORD CITY	101	8-12	-28	2-10	3-27	8	3-27	8	4-2	22	4-16	26	4-24	31	9-10	26	9-10	26	10-23	20	10-23	20	11-2	14	220	210	204	147	139	139
WATFORD CITY 14 5	104	8-12	-31	2-10	3-27	8	3-27	8	4-6	21	4-29	28	5-5	31	9-10	31	9-11	22	9-11	22	10-7	20	11-2	14	220	194	158	135	128	128
WESTHDPE	96	8-12	-34	2-10	3-28	15	3-28	15	3-29	22	5-8	28	5-10	31	9-6	31	9-10	27	9-11	23	10-16	20	10-24	15	210	202	166	125	125	125
WILLISTDN WB CITY	101	7-20	-26	12-18	3-27	12	3-27	12	3-27	12	4-6	27	4-16	30	9-10	31	9-30	28	10-16	22	11-1	17	11-2	8	220	219	203	177	147	147
WILLDW CITY	99	7-21	-38	2-24	3-29	13	3-29	13	3-29	13	5-8	26	5-8	26	9-10	25	9-10	25	9-11	21	10-2	20	10-24	8	209	187	166	125	125	125
WILTON	99	7-21	-31	12-19	3-27	1	-	-	-	-	5-8	25	5-10	32	9-10	27	9-10	27	10-23	24	10-24	16	10-24	16	211	-	-	125	125	125
WISHEK	100	8-18	-32	2-12	3-28	14	3-28	14	4-6	23	5-8	25	5-8	25	9-10	31	9-11	27	10-14	21	10-17	20	10-24	11	210	203	191	126	125	125

TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
DEVILS LAKE WB CITY	EVAP	-	-	-	3.91	5.968	5.38	7.03	6.40	4.208	-	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	2401	2179	1267	1346	984	1243	-	-	-	-
DICKINSON EXP STATION	(A) EVAP	-	-	-	-	-	-	-	-	-	-	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-
EDGELEY EXP FARM	EVAP	-	-	-	5.798	8.828	8.208	7.818	6.70	5.91	-	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	36858	3502	2078	1954	1515	1705	-	-	-	-
MANDAN EXP STATION	(A) EVAP	-	-	-	3.55	6.08	4.94	6.59	6.76	4.66	-	-	-	-
	DEP	-	-	-	-0.07	+0.74	-0.99	-0.74	+0.19	+0.15	-	-	-	-
	WIND	-	-	-	4899	5034	3097	2913	3012	3200	-	-	-	-
RIVERDALE	EVAP	-	-	-	5.738	7.37	6.75	9.00	9.558	6.958	4.36	-	-	-
	DEP	-	-	-	-	-	-	-	-	-	-	-	-	-
	WIND	-	-	-	45418	-	-	2958	3154	3861	3599	-	-	-

(A) PAN 6 FT IN DIAMETER; 24 INCHES DEEP; IN GROUND 20 INCHES.

STATION INDEX

NORTH DAKOTA
1955

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.	Refer to tables	
							Temp.	Precip.	Exp.			
												Month opened
Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Temp.	Precip.	Exp.	Month opened	Month closed	Refer to tables
ADAMS 7 S	0022	WALSH	10	48 20	98 06	1554	-	-	-	-	-	2
ALEXANDER	0096	MCKENZIE	13	47 50	103 38	2200	14	-	-	-	-	1 2 3
ALMONT 7 SW	0136	HORTON	4	46 43	101 39	2300	13	13	-	-	-	1 2 3
AMBEROSE 3 N	0189	DIVIDE	12	49 00	103 28	2027	-	-	-	-	-	1 2 3
AMENIA	0196	CASS	11	47 00	97 13	960	6	-	-	-	-	1 2 3
AMION	0209	SLOPE	1	46 29	103 19	2910	34	34	-	-	-	1 2 3
ANTLER	0263	BOTTINEAU	12	48 58	101 20	1540	34	-	-	-	-	1 2 3
ARVILLA STATE PARK	0363	GRAND FORKS	10	47 56	97 30	960	12	12	-	-	-	1 2 3
ASHLEY	0382	MCINTOSH	8	46 02	99 22	2025	60	60	-	-	-	1 2 3
BALDHEAD DAM	0430	BARNES	11	47 02	98 02	1300	-	-	-	-	-	1 2 3
BALFOUR	0492	MCHENRY	12	47 57	100 32	1615	-	-	-	-	-	1 2 3
BALTA	0500	PIERCE	11	48 10	100 02	1550	-	-	-	-	-	1 2 3
BANTRY	0516	MCHENRY	12	48 30	100 36	1458	-	-	-	-	-	1 2 3
BEACH	0590	GOLDEN VALLEY	7	46 55	104 01	2814	-	-	-	-	-	1 2 3
BELCOURT INDIAN RES	0626	ROLETTE	9	48 50	99 45	1610	11	11	-	-	-	1 2 3
BELFIELD	0639	STARK	4	46 53	103 11	2592	38	38	-	-	-	1 2 3
BERTHOLD	0729	WARD	12	48 25	101 44	2080	-	-	-	-	-	1 2 3
BEULAH	0766	MERCER	6	47 16	101 47	1760	41	-	-	-	-	1 2 3
BISBEE	0796	TOWNER	2	48 37	99 22	1600	53	53	-	-	-	1 2 3
BISHARCK WB AIRPORT	0819	BURLINGHAM	8	46 48	100 45	1650	16	16	-	-	-	1 2 3
BISHARCK 12 ENE	0827	BURLINGHAM	8	46 51	100 33	1709	2	-	-	-	-	1 2 3
BOTTINEAU	0941	BOTTINEAU	12	48 50	100 27	1640	64	64	-	-	-	1 2 3
BOUWELLS	0961	BURKE	12	48 48	102 15	1953	30	30	-	-	-	1 2 3
BOHMAN COURT HOUSE	0995	BOHMAN	3	46 11	103 23	2980	41	41	-	-	-	1 2 3
BOHMAN 11 SE	0998	BOHMAN	3	46 04	103 19	2810	4	-	-	-	-	1 2 3
BOHMAN 30 NNW	1001	SLOPE	7	46 35	103 31	2505	4	-	-	-	-	1 2 3
BREIEN	1052	HORTON	1	46 24	100 56	1720	-	-	-	-	-	1 2 3
BUCHANAN	1124	STUTSMAN	2	47 04	98 48	1572	-	-	-	-	-	1 2 3
BURT 16 N	1216	HETTINGER	1	46 36	102 08	2344	4	-	-	-	-	1 2 3
BUTTE	1225	MCKEAN	12	47 50	100 40	1880	31	31	-	-	-	1 2 3
CANDO	1288	TOWNER	2	48 29	99 12	1481	-	-	-	-	-	1 2 3
CARRINGTON	1360	FOSTER	5	47 27	99 08	1586	58	58	-	-	-	1 2 3
CARSON	1365	GRANT	5	46 25	101 34	2300	-	-	-	-	-	1 2 3
CARSON NO 2	1370	GRANT	4	46 25	101 34	2310	44	44	-	-	-	1 2 3
CAVALIER	1435	PEMBINA	9	48 48	97 38	889	20	48	-	-	-	1 2 3
CENTER	1456	OLIVER	8	47 07	101 18	2100	18	18	-	-	-	1 2 3
COLGATE	1686	STEELE	10	47 14	97 39	1180	22	-	-	-	-	1 2 3
COLUMBUS	1696	BURKE	12	48 54	102 47	1930	5	-	-	-	-	1 2 3
COURTESY	1766	GRIGGS	11	47 28	98 07	1426	59	-	-	-	-	1 2 3
COURTESY	1816	STUTSMAN	5	47 13	98 34	1523	22	-	-	-	-	1 2 3
CROSBY	1871	DIVIDE	12	48 54	103 18	1952	49	49	-	-	-	1 2 3
OWSON	2018	KIDDER	8	46 52	99 45	1730	-	-	-	-	-	1 2 3
DEVILS LAKE WB CITY	2158	RAMSEY	2	48 07	98 52	1471	51	80	5	-	-	1 2 3
DICKINSON CAA AP	2174	STARK	4	47 04	103 18	2850	15	-	-	-	-	1 2 3
DICKINSON EXP STATION	2188	STARK	4	46 53	102 48	2460	64	-	-	-	-	1 2 3
DOGE	2215	DUNN	6	47 18	102 12	1989	-	-	-	-	-	1 2 3
DOONBROOK	2242	WARD	12	48 91	101 53	1760	5	-	-	-	-	1 2 3
ORAKE	2298	MCHENRY	12	47 55	100 22	1634	26	-	-	-	-	1 2 3
DUNN CENTER 2 SW	2365	DUNN	6	47 20	102 38	2232	57	57	-	-	-	1 2 3
DUNN 2 SE	2472	BOTTINEAU	12	48 39	101 01	1495	50	30	-	-	-	1 2 3
EDELEY EXP FARM	2482	LA MOURE	5	46 20	98 42	1568	55	55	-	-	-	1 2 3
EDMOND	2525	RAMSEY	2	48 25	98 29	1520	32	-	-	-	-	1 2 3
ELGIN 5 S	2592	GRANT	1	46 21	101 49	2241	5	-	-	-	-	1 2 3
ELLENDALE	2605	DICKY	5	46 00	98 31	1460	57	57	-	-	-	1 2 3
ENDERLIN	2695	RANSOM	11	46 38	97 36	1120	3	-	-	-	-	1 2 3
EPPING	2735	WILLIAMS	8	48 17	103 21	2224	47	-	-	-	-	1 2 3
ESMOND	2767	BENSON	10	46 02	99 46	1650	28	-	-	-	-	1 2 3
FAIRFIELD	2809	BILLINGS	7	47 11	103 13	2750	28	-	-	-	-	1 2 3
FARGO WB AIRPORT	2859	CASS	10	46 54	96 48	895	75	75	-	-	-	1 2 3
FESSENDEN	2949	WELLS	5	47 39	99 37	1620	44	44	-	-	-	1 2 3
FLASHER	3009	HORTON	1	46 27	101 14	1930	6	-	-	-	-	1 2 3
FLATTON	3019	BURKE	12	48 54	102 23	1940	5	-	-	-	-	1 2 3
FORBES 13 NW	3084	DICKY	5	46 04	98 56	1988	64	64	-	-	-	1 2 3
FORMAN	3117	SARGENT	10	46 06	97 39	1249	64	64	-	-	-	1 2 3
FORT YATES	3207	SIoux	8	46 06	100 38	1640	56	56	-	-	-	1 2 3
FRYBURG 7 N	3217	WARD	12	48 27	101 34	1930	31	35	-	-	-	1 2 3
FOXHOLM 1 NE	3277	BILLINGS	4	46 53	103 18	2742	-	-	-	-	-	1 2 3
FULLERTON	3287	DICKY	5	46 04	98 50	1588	58	58	-	-	-	1 2 3
GACKLE	3309	LOGAN	5	46 38	99 08	1951	25	25	-	-	-	1 2 3
GARRISON	3376	MCKEAN	8	47 38	101 25	1911	79	79	-	-	-	1 2 3
GLEN ULLIN	3496	HORTON	4	46 49	101 49	2090	-	-	-	-	-	1 2 3
GLEN ULLIN 13 N	3501	MERCER	6	47 00	101 47	2221	5	-	-	-	-	1 2 3
GOLDEN VALLEY 10 S	3529	MERCER	6	47 02	102 03	1870	5	-	-	-	-	1 2 3
GRACE CITY	3583	GRANT	5	46 13	98 48	1495	95	-	-	-	-	1 2 3
GRAFTON	3594	WALSH	10	48 25	97 25	827	64	64	-	-	-	1 2 3
GRAND FORKS CAA AP	3616	GRAND FORKS	10	47 56	97 05	832	15	15	-	-	-	1 2 3
GRAND FORKS UNIVERSITY	3621	GRAND FORKS	10	47 55	97 05	830	65	65	-	-	-	1 2 3
GRAND RAPIDS 1 N	3665	LA MOURE	5	46 28	98 21	1360	5	-	-	-	-	1 2 3
GRAND RAPIDS 2 N	3676	RENNVILLE	12	48 37	101 35	1625	-	-	-	-	-	1 2 3
GRANVILLE	3686	MCHENRY	12	48 16	101 51	1504	49	49	-	-	-	1 2 3
GRASSY BUTTE	3696	MCKENZIE	7	47 24	103 14	2660	-	-	-	-	-	1 2 3
GRASSY BUTTE 10 N	3701	MCKENZIE	7	47 31	103 14	2497	5	-	-	-	-	1 2 3
GRENOIRA	3736	WILLIAMS	8	48 37	103 56	2114	47	47	-	-	-	1 2 3
HAGUE	3826	EMMONS	8	46 02	100 00	1898	98	98	-	-	-	1 2 3
HALEY	3836	BOHMAN	3	46 58	103 08	2695	-	-	-	-	-	1 2 3
HALLIDAY	3846	DUNN	6	47 21	102 20	2048	14	-	-	-	-	1 2 3
HANKINSON R R STATION	3908	RICHLAND	7	46 04	96 54	1088	27	27	-	-	-	1 2 3
HANNAFORD	3926	GRIGGS	11	47 18	98 12	1428	-	-	-	-	-	1 2 3
HANNAH	3936	CAVALIER	9	48 59	98 41	1570	62	62	-	-	-	1 2 3
HANSBORO	3963	TOWNER	9	48 57	99 23	1600	48	48	-	-	-	1 2 3
HARVEY	4013	WELLS	11	47 46	99 55	1595	53	-	-	-	-	1 2 3
HAYNES 6 N	4073	ADAMS	1	46 03	102 29	2677	-	-	-	-	-	1 2 3
HAZELTON R R STATION	4083	EMMONS	8	46 29	100 17	1978	-	-	-	-	-	1 2 3
HETTINGER	4178	ADAMS	3	46 00	102 38	2680	49	49	-	-	-	1 2 3
HETTINGER 17 N	4186	ADAMS	1	46 15	102 39	2610	-	-	-	-	-	1 2 3
HILLSBORO	4203	TRAILL	10	47 24	97 04	901	50	50	-	-	-	1 2 3
HUMPHREY	4343	WELLS	5	47 27	99 55	1915	-	-	-	-	-	1 2 3
JAMESTOWN CAA AP	4413	STUTSMAN	5	46 55	98 41	1492	15	15	-	-	-	1 2 3
JAMESTOWN ST HOSPITAL	4418	STUTSMAN	5	46 53	98 41	1457	64	64	-	-	-	1 2 3
KEENE 2 S	4571	MCKENZIE	8	47 54	102 56	2346</						

REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 4.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

Data for recorder stations denoted by "C" are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder-only stations may be found in the annual issue of "Hourly Precipitation Data".

Additional information regarding the climate of North Dakota may be obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Airport Station, Bismarck, North Dakota.

- No record.
- + Also later date (dates) or months.
- * Amount included in following measurement.
- // Gage is equipped with a windshield.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- B Adjusted to full month.
- E Amount is wholly or partially estimated.
- M Less than a complete month of record available; if average value is entered, less than 10 days of record are missing; see monthly Climatological Data for detailed daily record.
- R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)
- T Trace, an amount too small to measure.
- V Includes total for previous month.

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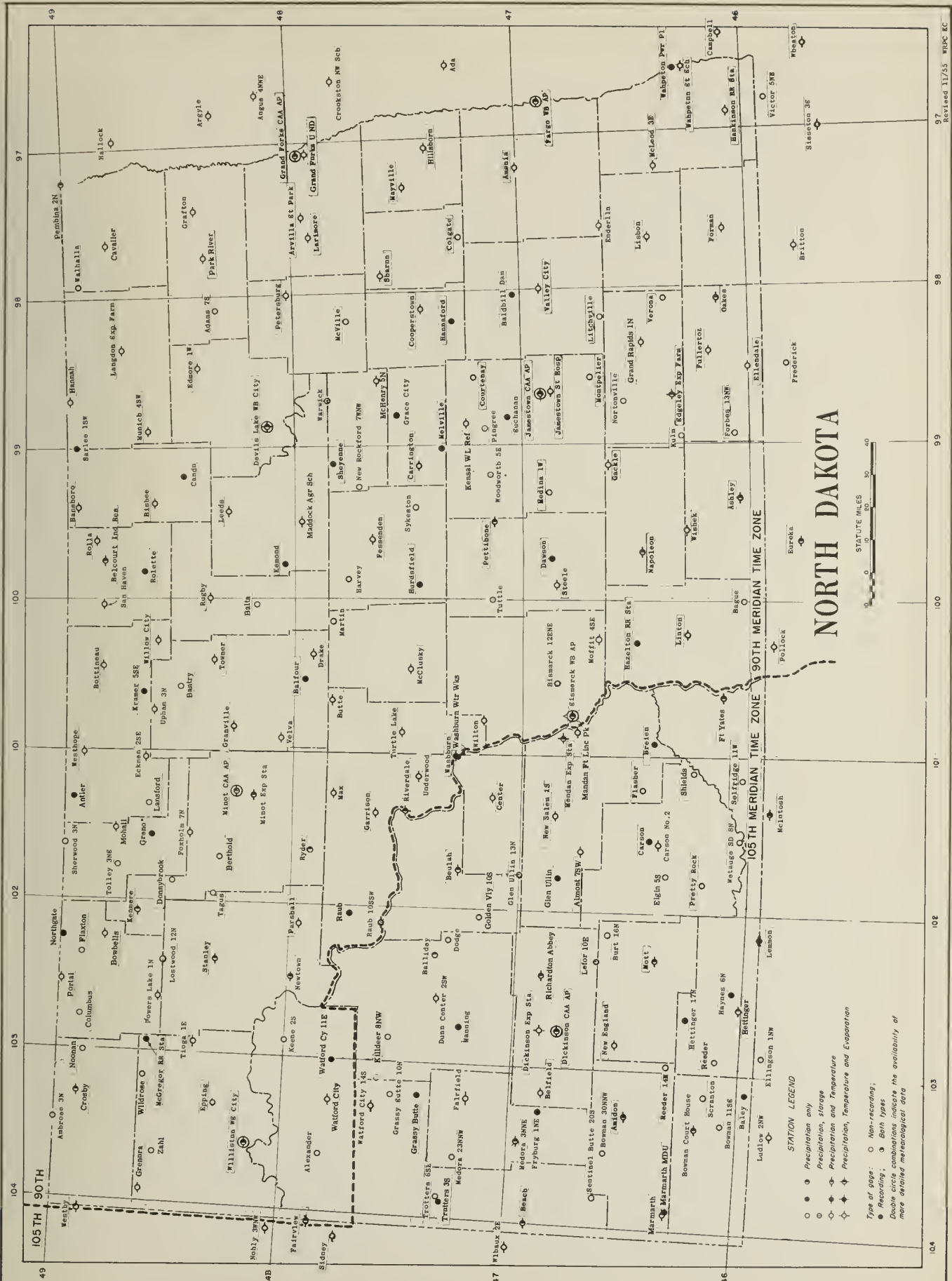
NWRC, Asheville, N. C. -- 3-5-56 -- 1030

CHANGES IN STATION NAMES

<u>NEW NAME</u>	<u>OLD NAME</u>	<u>DATE</u>
Ambrose 3 N	Ambrose	January
Dunn Center 2 SW	Dunn Center	June
Eckman 2 SE	Eckman	February
Haynes 6 N	Haynes 5 NE	April
Tioga	Tioga 1 E	June
Tolley 3 NE	Tolley	May
Trotters 6 SE	Trotters 6 WNW	July

RELOCATIONS

Ambrose 3 N	Rain gage moved 3 miles N	January 21
Carrington	Equipment moved 0.5 mile S	June 7
Crosby	Equipment moved 25 feet W	September 14
Crosby	Equipment moved 1.5 blocks NE	October 27
Dodge	Recording gage moved 7.3 miles SE from Halliday	February 2
Donnybrook	Rain gage moved 0.2 mile SE	September 12
Dunn Center 2 SW	Equipment moved 1.6 miles SW	June 23
Eckman 2 SE	Equipment moved 1.8 miles SE	February 1
Epping	Rain gage moved 1 block S	March 17
Garrison	Equipment moved 25 feet S	April 21
Halliday	Standard gage moved 0.3 mile NW	February 3
Haynes 6 N	Recording gage moved 5.9 miles W & 3.5 miles N	April 13
McVillie	Rain gage moved 0.2 mile NW	August 14
Mohall	Equipment moved 0.4 mile SE	August 10
Reeder	Rain gage moved 0.2 mile S	April 14
Richardton Abbey	Equipment moved 20 feet S	June 22
Rolette	Recording gage moved 0.1 mile WNW	August 23
Tagus	Rain gage moved 150 feet S	March 16
Tioga 1 E	Equipment moved 1.0 mile E	June 1
Tolley	Rain gage moved 100 feet S	March 1
Tolley 3 NE	Rain gage moved 3.0 miles NE	May 25
Trotters 3 S	Recording gage moved 300 feet S	May 27
Trotters 6 SE	Rain gage moved 11 miles SE	July 1



NORTH DAKOTA

105TH MERIDIAN TIME ZONE 90TH MERIDIAN TIME ZONE



STATION LEGEND

- Precipitation only
 - Precipitation, storage
 - ◇ Precipitation and Temperature
 - ◆ Precipitation, Temperature and Evaporation
- Type of gauge: ○ Non-recording;
● Recording; ◇ Both types.
Double circle combinations indicate the availability of more detailed meteorological data

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